



Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115
Appendix to Certificate No. 115-04

Name and Address:

Organization name The Chaim Sheba Medical Center
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Israel
Phone +972-3-530-3078
Fax +972-3-530-3991
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This appendix includes 9 parts, one for each accredited organization in the list below:

1.	Automated Mega laboratory	Phone No. +972-3-530-2253
2.	AIDS	Phone No. +972-3-530-3401
3.	Blood Bank	Phone No. +972-3-530-2570
4.	Coagulation Laboratory	Phone No. +972-3-530-2105
5.	Endocrinology Laboratory	Phone No. +972-3-530-2022 +972-3-530-3082
6.	Gastroenterology Laboratory	Phone No. +972-3-530-2905
7.	Hematology Laboratory	Phone No. +972-3-530-2356
8.	Lipids and Atherosclerosis Laboratory	Phone No. +972-3-530-2940
9.	Clinical Toxicology & Pharmacology	Phone No. +972-3-530-2358



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Name and Address:

Organization name Sheba Medical Center
Laboratory name Automated Megalaboratory
Address Tel Hashomer 52621
Israel
Phone +972-3-530-2253, +972-3-530-2100
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Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Chemistry, General Biochemistry					משפחת מוצרים: בריאות, רפואה - כימיה, ביוכימיה כללית				
Chemical Testing, Autoanalysers					בדיקות כימיות, שיטות באוטואנלייזרים				
1	A	P	Albumin	אלבומין	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by Beckman Coulter	AU5800	---
2	A	P	Alkaline Phosphatase	Alkaline Phosphatase	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by Beckman Coulter	AU5800	---
3	A	P	Amylase	עמילאז	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by Beckman Coulter	AU5800	---
4	A	P	Bilirubin (Total)	בילירובין (כללי)	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by Beckman Coulter	AU5800	---

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Group of products: Health, Medicine - Chemistry, General Biochemistry					משפחת מוצרים: בריאות, רפואה - כימיה, ביוכימיה כללית				
Chemical Testing, Autoanalysers					בדיקות כימיות, שיטות באוטואנלייזרים				
5	A	P	CA 125	CA 125	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Immunometric-Chemiluminescence-kit by Beckman Coulter	DxI 800	---
6	A	P	CA 15.3	CA 15.3	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Immunometric-Chemiluminescence-kit by Beckman Coulter	DxI 800	---
7	A	P	CA 19.9	CA 19.9	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Immunometric-Chemiluminescence kit by Beckman Coulter	DxI 800	---
8	A	P	Calcium	סידן	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by Beckman Coulter	AU5811	---
9	A	P	CEA	CEA	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Immunometric-Chemiluminescence-kit by Beckman Coulter	DxI 800	---
10	A	P	Chloride	כלוריד	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Indirect ISE (Ion Selective Electrode)	AU5800	---
11	A	P	Cholesterol	כולסטרול	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by Beckman Coulter	AU5800	---
12	A	P	C-Reactive Protein	C-Reactive Protein	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Immuno-Turbidimetric high sensitivity kit by Beckman Coulter	AU5800	---
13	A	P	Creatine Kinase (CK)	Creatine Kinase (CK)	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by Beckman Coulter	AU5811	---
14	A	P	Creatine Kinase -MB Isoenzyme (CK-MB)	Creatine Kinase -MB Isoenzyme (CK-MB)	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by-Beckman Coulter	AU5800	---

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Group of products: Health, Medicine - Chemistry, General Biochemistry					משפחת מוצרים: בריאות, רפואה - כימיה, ביוכימיה כללית				
Chemical Testing, Autoanalysers					בדיקות כימיות, שיטות באוטואנליזרים				
15	A	P	Creatinine	Creatinine	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by Beckman Coulter	AU5800	---
16	A	P	Digoxin	Digoxin	Serum	סרום	Immunoassay/ Chemiluminescence kit by Beckman Coulter	DxI 800	---
17	A	P	Ferritin	Ferritin	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Immunometric-Chemiluminescence-kit by Beckman Coulter	DxI 800	---
18	A	P	Folic acid	חומצה פולית	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Immunometric-Chemiluminescence-kit by Beckman Coulter	DxI 800	---
19	A	P	GGT (Gama(γ)-glutamyl transpeptidase)	GGT (Gama(γ)-glutamyl transpeptidase)	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by Beckman Coulter	AU5800	---
20	A	P	Glucose	גלוקוז	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by Beckman Coulter	AU5800	---
21	A	P	Iron	ברזל	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by Beckman Coulter	AU5800	---
22	A	P	LDH (Lactate Dehydrogenase)	LDH (Lactate Dehydrogenase)	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by Beckman Coulter	AU5800	---
23	A	P	Lipase	ליפאז	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by Beckman Coulter	AU5800	---
24	A	P	Magnesium	מגנזיום	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by Beckman Coulter	AU5800	---

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Chemical Testing, Autoanalysers					בדיקות כימיות, שיטות באוטואנלייזרים				
25	A	P	Phosphorus	Phosphorus	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by Beckman Coulter	AU5800	---
26	A	P	Potassium	אשלגן	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Indirect ISE (Ion Selective Electrode)	AU5800	---
27	A	P	Protein (Total)	חלבון (כלל)	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by Beckman Coulter	AU5800	---
28	A	P	SGOT (Serum Glutamic Oxaloacetic Transaminase) AST (Aspartate aminotransferase)	SGOT (Serum Glutamic Oxaloacetic Transaminase) AST (Aspartate aminotransferase)	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by Beckman Coulter	AU5800	---
29	A	P	SGPT (Serum Glutamic Pyruvic Transaminase) ALT (Alanine aminotransferase)	SGPT (Serum Glutamic Pyruvic Transaminase) ALT (Alanine aminotransferase)	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by Beckman Coulter	AU5800	---
30	A	P	Sodium	נתרן	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Indirect ISE (Ion Selective Electrode)	AU5800	---
31	A	P	Troponin I (aTnI)	Troponin I (aTnI)	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Immunoassay/ Chemiluminescence kit by Beckman Coulter AccuTnI, Optimized	DxI 800	---
32	A	P	Urea	Urea	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Colorimetric-endpoint kit by Beckman Coulter	AU5800	---

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Group of products: Health, Medicine - Chemistry, General Biochemistry					משפחת מוצרים: בריאות, רפואה - כימיה, ביוכימיה כללית				
Chemical Testing, Autoanalysers					בדיקות כימיות, שיטות באוטואנליזרים				
33	A	P	Uric Acid	Uric Acid	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine) Colorimetric-endpoint kit by Beckman Coulter	AU5800	---	
34	A	P	Vitamin B12 (Cyanocobalamin)	Vitamin B12 (Cyanocobalamin)	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine) Immunometric-Chemiluminescence-kit by Beckman Coulter	DxI 800	---	

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The certificate attached is an integral part of the schedule and is numbered identically התעודה המצורפת לספח זה מהווה חלק בלתי נפרד ממנו ומספרה זהה למספר הספח



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Group of products: Health, Medicine - Endocrinology					משפחת מוצרים: בריאות, רפואה - אנדוקרינולוגיה				
Biological Testing, Immunoassays by Autoanalysers					בדיקות ביולוגיות, שיטות אימונוכימיות באוטואנלייזרים				
35	A	P	AFP (Alpha Fetoprotein)	AFP (Alpha Fetoprotein)	Serum	סרום	Immunometric-Chemiluminescence kit by Beckman Coulter	DxI 800	---
36	A	P	Free T4 (FT4) (Thyroxine, Free)	Free T4 (FT4) (Thyroxine, Free)	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Immunocompetitive-Chemiluminescence kit by Beckman Coulter	DxI 800	---
37	A	P	FT3 (FreeT3) (triiodothyronine, Free)	FT3 (FreeT3) (triiodothyronine, Free)	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Immunocompetitive-Chemiluminescence kit by Beckman Coulter	DxI 800	---
38	A	P	PSA-free (Prostate Specific Antigen-free)	PSA-free (Prostate Specific Antigen-free)	Serum	סרום	Immunometric-Chemiluminescence kit by Beckman Coulter Hybritech	DxI 800	---
39	A	P	PSA-total (Prostate Specific Antigen - total)	PSA-total (Prostate Specific Antigen -total)	Serum	סרום	Immunometric-Chemiluminescence kit by Beckman Coulter Hybritech	DxI 800	---
40	A	P	TSH (Thyroid Stimulating Hormone)	TSH (Thyroid Stimulating Hormone)	Serum/Plasma (LiHeparine)	סרום/ פלסמה (LiHeparine)	Immunometric-Chemiluminescence kit by Beckman Coulter Hypersensitive	DxI 800	---

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Item	Scope Type	Site	Types of Test / Properties Measured	Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks		
Group of products: Health, Medicine - Chemistry, General Biochemistry, Hemodynamics and Oxymetry					משפחת מוצרים: בריאות, רפואה - כימיה, ביוכימיה כללית, המודינמיקה ואוקסימטריה					
Chemical Testing, Autoanalysers					בדיקות כימיות, שיטות באוטואנלייזרים					
41	A	P	(K) Potassium	אשלגן	Whole blood (Na Heparin)	דם מלא (Na Heparin)	Direct ISE (Ion Selective Electrode)	Cobas b 221	---	
42	A	P	(Na) Sodium	נתרן	Whole blood (Na Heparin), Plasma	דם מלא (Na Heparin) / פלסמה	Direct ISE (Ion Selective Electrode)	Cobas b 221	---	
43	A	P	(PCO ₂) Carbon dioxide, Partial Pressure	(PCO ₂) Carbon dioxide, Partial Pressure	Whole blood (Na Heparin)	דם מלא (Na Heparin)	Direct ISE (Ion Selective Electrode)	Cobas b 221	---	
44	A	P	(PO ₂) Oxygen, Partial Pressure	(PO ₂) Oxygen, Partial Pressure	Whole blood (Na Heparin)	דם מלא (Na Heparin)	Amperometry	Cobas b 221	---	
45	A	P	(SO ₂ %) Oxygen Saturation,	(SO ₂ %) Oxygen Saturation,	Whole blood (Na Heparin)	דם מלא (Na Heparin)	Light absorption in whole blood	Cobas b 221	---	
46	A	P	BE (Base excess)	BE (Base excess)	Whole blood (Na Heparin)	דם מלא (Na Heparin)	Calculated	Cobas b 221	---	Calculated
47	A	P	Ca ²⁺ (Ionized calcium)	Ca ²⁺ (Ionized calcium)	Whole blood (Na Heparin)	דם מלא (Na Heparin)	Direct ISE (Ion Selective Electrode)	Cobas b 221	---	
48	A	P	CO.Hb (Carboxyhemoglobin)	CO.Hb (Carboxyhemoglobin)	Whole blood (Na Heparin)	דם מלא (Na Heparin)	Spectrophotometry	Cobas b 221	---	
49	A	P	Glucose	גלוקוז	Whole blood (Na Heparin)	דם מלא (Na Heparin)	Amperometry	Cobas b 221	---	
50	A	P	HCO ₃ (Bicarbonate)	HCO ₃ (Bicarbonate)	Whole blood (Na Heparin)	דם מלא (Na Heparin)	Calculated	Cobas b 221	---	Calculated
51	A	P	Lactate, (Lactic Acid)	חומצה לקטית	Whole blood	דם מלא	Amperometry	Cobas b 221	---	

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Group of products: Health, Medicine - Chemistry, General Biochemistry, Hemodynamics and Oxymetry					משפחת מוצרים: בריאות, רפואה - כימיה, ביוכימיה כללית, המודינמיקה ואוקסימטריה				
Chemical Testing, Autoanalysers					בדיקות כימיות, שיטות באוטואנליזרים				
52	A	P	Met.Hb (Met-hemoglobin)	Met.Hb (Met-hemoglobin)	Whole blood (Na Heparin)	דם מלא (Na Heparin)	Spectrophotometry	Cobas b 221	---
53	A	P	pH	pH	Whole blood (Na Heparin)	דם מלא (Na Heparin)	Hydrogen ion selective glass Electrode	Cobas b 221	---

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Group of products: Health, Medicine - Hematology, Blood Count					משפחת מוצרים: בריאות, רפואה - המטולוגיה, ספירה					
Biological Testing, Blood Count by Autoanalysers					בדיקות ביולוגיות, ספירה באוטואנלייזרים					
54	A	P	CBC (Complete Blood Count)	ספירת דם כללית	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---	Including all parameter listed below
55	A	P	Basophils	Basophils	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---	
56	A	P	Blasts	Blasts	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---	
57	A	P	Eosinophils	Eosinophils	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---	
58	A	P	Hematocrit	Hematocrit	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---	
59	A	P	Hemoglobin	המוגלובין	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---	
60	A	P	Hypercytosis	Hypercytosis	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---	
61	A	P	Hypocytosis	Hypocytosis	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---	
62	A	P	Left shift	Left shift	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---	
63	A	P	Lymphocytes	Lymphocytes	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---	
64	A	P	Macrocytes	Macrocytes	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---	
65	A	P	MCH (Mean Cell Hemoglobin)	MCH (Mean Cell Hemoglobin)	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---	

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Group of products: Health, Medicine - Hematology, Blood Count					משפחת מוצרים: בריאות, רפואה - המטולוגיה, ספירה				
Biological Testing, Blood Count by Autoanalysers					בדיקות ביולוגיות, ספירה באוטואנלייזרים				
66	A	P	MCHC (Mean Cell Hemoglobin Concentration)	MCHC (Mean Cell Hemoglobin Concentration)	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---
67	A	P	MCV (Mean Cell Volume)	MCV (Mean Cell Volume)	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---
68	A	P	Microcytes	Microcytes	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---
69	A	P	Monocytes	Monocytes	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---
70	A	P	MPV (Mean Platelet Volume)	MPV (Mean Platelet Volume)	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---
71	A	P	Neutrophils (Polymorphonuclears)	Neutrophils (Polymorphonuclears)	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---
72	A	P	PCT (Platelets Hematocrit)	PCT (Platelets Hematocrit)	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---
73	A	P	PLT (Platelets)	PLT (Platelets)	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---
74	A	P	RBC (Red Blood Cells)	תאי דם אדומים	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---
75	A	P	RDW (Red Blood Cell Distribution Width)	RDW (Red Blood Cell Distribution Width)	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---
76	A	P	WBC (White Blood Cells)	תאי דם לבנים	Whole blood (K ₂ EDTA)	דם מלא (K ₂ EDTA)	Automated cell counter	LH 750	---

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Type of Scopes: A- Fixed, C- Flexible scope in analytical tests : Type of matrix, analytes, experimental systems and/or analytical characteristics may be subject to changes, in accordance with the laboratory's approved and documented procedures. For details, please refer to the list of Accredited Tests, available from the laboratory upon request.



Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115

Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured	Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks	
Group of products: Health, Medicine - Hematology				משפחת מוצרים: בריאות, רפואה - המטולוגיה					
Biological Testing, Blood Cell Typing Manual smear				בדיקות ביולוגיות, אפיון תאי דם, משטח ידני					
77	A	P	Blood Smears or Films: Normal blood films Young cells: Stabs, MetaMyelocytes, Myelocytes, Promyrcytes, Blasts. Atypical Lymphocytes., Monocytes, Granulocytes Red Blood Cell pathology. Leukemic blood smears. Abnormalities in Platelets.	Blood Smears or Films: Normal blood films Young cells: Stabs, MetaMyelocytes, Myelocytes, Promyrcytes, Blasts. Atypical Lymphocytes., Monocytes, Granulocytes Red Blood Cell pathology. Leukemic blood smears. Abnormalities in Platelets.	Whole blood	דם מלא	Microscopy on Gimsa stained slides.	Manual and automatically spread blood smears by Beckman Coulter LH 755.	---

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Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115

Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Hematology, Coagulation					משפחת מוצרים: בריאות, רפואה - המטולוגיה, קרישה				
Biological Testing, Autoanalysers					בדיקות ביולוגיות, שיטות באוטואנלייזרים				
78	A	P	D-Dimer	D-Dimer	Plasma (Na Citrate)	פלסמה (Na Citrate)	Immunoturbidimetric kit by IL	ACL Top	---
79	A	P	Fibrinogen	פיברינוגן	Plasma (Na Citrate)	פלסמה (Na Citrate)	Clot detection Photometry kit by IL	ACL Top	---
80	A	P	INR (International Normalizing Ratio)	INR (International Normalizing Ratio)	Plasma (Na Citrate)	פלסמה (Na Citrate)	Calculation	ACL Top	---
81	A	P	PT (Prothrombin Time)	PT (Prothrombin Time)	Plasma (Na Citrate)	פלסמה (Na Citrate)	Clot detection Photometry kit by IL	ACL Top	---
82	A	P	PTT (Partial Thromboplastin Time)	PTT (Partial Thromboplastin Time)	Plasma (Na Citrate)	פלסמה (Na Citrate)	Clot detection Photometry kit by IL	ACL Top	---
83	A	P	TT (Thrombin Time)	TT (Thrombin Time)	Plasma (Na Citrate)	פלסמה (Na Citrate)	Clot detection Photometry kit by IL	ACL top	---

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

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Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115

Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Microbiology, Viruses					משפחת מוצרים: בריאות, רפואה - מיקרוביולוגיה, נגיפים				
Biological Testing, Non Culture Identification Typing - Immunoassays in Autoanalysers					בדיקות ביולוגיות, זיהוי ואפיון ללא תרבית – שיטות אימונוכימיות באוטואנלייזרים				
84	A	P	Virus: HCV (Hepatitis C Virus) Ab	Virus: HCV (Hepatitis C Virus) Ab	Serum	סרום	CMIA	ARCHITECT Abbott Kit	CMIA= Chemiluminescent Microparticle Immuno Assay
85	A	P	Virus: Hepatitis. B Surface Ag	Virus: Hepatitis. B Surface Ag	Serum	סרום	CMIA	ARCHITECT Abbott Kit	

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Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115
Appendix to Certificate No. 115-04

Name and Address:

Organization name Sheba Medical Center
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Item	Scope Type	Site	Types of Test / Properties Measured	Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks	
Group of products: Health, Medicine - Microbiology, Viruses					משפחת מוצרים: בריאות, רפואה - מיקרוביולוגיה, נגיפים				
Biological Testing, Non Culture Identification Typing - Immunoassays in Autoanalysers					בדיקות ביולוגיות, זיהוי ואפיון ללא תרבית - שיטות אימונוכימיות באוטואנלייזרים				
86	A	P	HIV Ab/Ag	HIV Ab/Ag	Serum/Plasma	סרום / פלסמה	CMIA	ARCHITECT	---
CMIA= Chemiluminescent Microparticle Immuno Assay Kit-HIV Ag/Ab Combo									

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Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115
Appendix to Certificate No. 115-04

Name and Address:

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E-Mail Matimandel@sheba.health.gov.il

Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Blood Bank					משפחת מוצרים: בריאות, רפואה - בנק דם				
Biological Testing, Immunoassays by Autoanalysers / manual					בדיקות ביולוגיות, שיטות אימונוכימיות באוטואנלייזרים/ידניות				
87	A	P	Antibody screening	Antibody screening	Whole blood	דם מלא	Agglutination	Tube	---
88	A	P	Antibody screening	Antibody screening	Whole blood	דם מלא	Agglutination	DiaMed Gel	---
89	A	P	Antibody screening	Antibody screening	Whole blood	דם מלא	Agglutination	Auto-View System	Automatic System
90	A	P	Antibody screening	Antibody screening	Whole blood	דם מלא	Agglutination	iH-1000 System	Automatic System
91	A	P	Blood type: A, B, O, AB, Rh / Weak D	Blood type: A, B, O, AB, Rh / Weak D	Whole blood	דם מלא	Agglutination	Tube using Gamma reagents	---
92	A	P	Blood type: A, B, O, AB, Rh / Weak D	Blood type: A, B, O, AB, Rh / Weak D	Whole blood	דם מלא	Agglutination	DiaMed Gel	---

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

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Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115

Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured	Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks		
Group of products: Health, Medicine - Blood Bank					משפחת מוצרים: בריאות, רפואה - בנק דם					
Biological Testing, Immunoassays by Autoanalysers / manual					בדיקות ביולוגיות, שיטות אימונוכימיות באוטואנלייזרים/ידניות					
93	A	P	Blood type: A, B, O, AB, Rh / Weak D	Blood type: A, B, O, AB, Rh / Weak D	Whole blood	דם מלא	Agglutination	Auto-View System	---	Automatic System
94	A	P	Blood type: A, B, O, AB, Rh / Weak D	Blood type: A, B, O, AB, Rh / Weak D	Whole blood	דם מלא	Agglutination	iH-1000 System	---	Automatic System
95	A	P	Compatibility	התאמה	Whole blood	דם מלא	IAT	Tube	---	IAT=Indirect Anti globulin Test
96	A	P	Compatibility	התאמה	Whole blood	דם מלא	IAT	DiaMed Gel	---	
97	A	P	Compatibility	התאמה	Whole blood	דם מלא	IS	Tube	---	IS= Immediate Spin
98	A	P	Serologic confirmation of ABO/Rh	Serologic confirmation of ABO/Rh	Whole blood	דם מלא	Agglutination	Tube	---	

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Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115
Appendix to Certificate No. 115-04

Name and Address:

Organization name Sheba Medical Center
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Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Hematology, Coagulation					משפחת מוצרים: בריאות, רפואה - המטולוגיה, קרישה				
Biological Testing, Autoanalysers					בדיקות ביולוגיות, שיטות באוטואנלייזרים				
99	A	P	Antithrombin	Antithrombin	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Chromogenic Kit Liquid ATIII: IL	ACL Top 500	---
100	A	P	APCR (Activated Protein C Resistance)	APCR (Activated Protein C Resistance)	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Clot detection photometry Kit FV Leiden APCR V: IL	ACL Top 500	---
101	A	P	CAC (Circulating Anti Coagulant)	CAC (Circulating Anti Coagulant)	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Clot detection photometry PTT NS- Actin FS: Siemens PTT LA S: Stago dRVVT Screen: IL dRVVT Confirm: IL	ACL Top 500	---
102	A	P	Factor II	Factor II	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Clot detection photometry Factor II DP:IL PT Recomboplastin: IL	ACL Top 500	DP- Deficient plasma

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Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115

Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Hematology, Coagulation					משפחת מוצרים: בריאות, רפואה - המטולוגיה, קרישה				
Biological Testing, Autoanalysers					בדיקות ביולוגיות, שיטות באוטואנלייזרים				
103	A	P	Factor IX	Factor IX	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Clot detection photometry Factor IX DP: IL PTT Synthasil IL	ACL Top 500	---
104	A	P	Factor V	Factor V	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Clot detection photometry Factor V DP:IL PT Recomboplastin: IL	ACL Top 500	---
105	A	P	Factor VII	Factor VII	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Clot detection photometry Factor VII DP:IL PT Recomboplastin: IL	ACL Top 500	---
106	A	P	Factor VIII	Factor VIII	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Clot detection photometry Factor VIII DP: IL PTT Synthasil IL	ACL Top 500	---
107	A	P	Factor X	Factor X	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Clot detection photometry Factor X DP:IL PT Recomboplastin: IL	ACL Top 500	---
108	A	P	Factor XI	Factor XI	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Clot detection photometry Factor XI DP: IL PTT Synthasil IL	ACL Top 500	---
109	A	P	Factor XII	Factor XII	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Clot detection photometry Factor XII DP: IL PTT Synthasil IL	ACL Top 500	---
110	A	P	Free Protein S antigen	Free Protein S antigen	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Immun-agglutination Kit free Protein S: IL	ACL Top 500	---

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Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Hematology, Coagulation					משפחת מוצרים: בריאות, רפואה - המטולוגיה, קרישה				
Biological Testing, Autoanalysers					בדיקות ביולוגיות, שיטות באוטואנלייזרים				
111	A	P	Inhibitor to clotting factor	Inhibitor to clotting factor	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Clot detection photometry See specific factors	ACL Top 500	---
112	A	P	INR Recomboplastin 2G (International Normalized Ratio)	INR Recomboplastin 2G (International Normalized Ratio)	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Calculation	ACL Top 500	---
113	A	P	Protein C	Protein C	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Chromogenic Kit Coamatic Protein C: Chromogenix	ACL Top 500	---
114	A	P	PT Recomboplastin 2G (Prothrombin Time %)	PT Recomboplastin 2G (Prothrombin Time %)	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Clot detection photometry Reagent: IL	ACL Top 500	---
115	A	P	PTT Synthasil (Partial Thromboplastin Time)	PTT Synthasil (Partial Thromboplastin Time)	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Clot detection photometry Reagent: IL	ACL Top 500	---
116	A	P	VWF (Von Willebrand Factor) antigen	VWF (Von Willebrand Factor) antigen	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Immun-agglutination VWF Antigen: IL	ACL Top 500	---

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Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured	Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks	
Group of products: Health, Medicine - Hematology, Coagulation					משפחת מוצרים: בריאות, רפואה - המטולוגיה, קרישה				
Biological Testing, Immunoassays					בדיקות ביולוגיות, שיטות אימונוכימיות				
117	A	P	Factor XIII	Factor XIII	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Enzymatic Kit Berichrom FXIII: Siemens	Elisa reader	---
118	A	P	Diagnosis of Hit-Heparin Induced Thrombocytopenia		Serum	סרום	Immunoagglutination by PaGIA kut from Biorad	ID Card centrifuge, Diamed	---

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

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Date of issue 26.08.2013 Version No. 4

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The certificate attached is an integral part of the schedule and is numbered identically התעודה המצורפת לנספח זה מהווה חלק בלתי נפרד ממנו ומספרה זהה למספר הנספח



Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115

Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks	
Group of products: Health, Medicine - Hematology, Coagulation					משפחת מוצרים: בריאות, רפואה - המטולוגיה, קרישה					
Biological Testing, Molecular Methods					בדיקות ביולוגיות, בשיטות מולקולאריות					
119	A	P	Factor V Leiden	Factor V Leiden	Whole blood (DNA)	דם מלא (DNA)	SNP Detection by TaqMan with specific fluorescent probes	RT PCR ABI 7500 Applied Biosystem	---	RT-PCR= Real time Polymerase Chain Reaction SNP- Single Nucleotide polymorphism
120	A	P	MTHFR C677T (Methylenetetrahydrofolate reductase)	MTHFR C677T (Methylenetetrahydrofolate reductase)	Whole blood (DNA)	דם מלא (DNA)	SNP Detection by TaqMan with specific fluorescent probes	RT PCR ABI 7500 Applied Biosystem	---	
121	A	P	Protrombin G20210A	Protrombin G20210A	Whole blood (DNA)	דם מלא (DNA)	SNP Detection by TaqMan with specific fluorescent probes	RT PCR ABI 7500 Applied Biosystem	---	
122	A	P	HPA 1,2,3,5,9,15	HPA 1,2,3,5,9,15	Whole blood (DNA)	דם מלא (DNA)	SNP Detection by TaqMan with specific fluorescent probes	RT PCR ABI 7500 Applied Biosystem	---	HPA- human Platelet antigen

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Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115

Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured	Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Hematology, Coagulation					משפחת מוצרים: בריאות, רפואה - המטולוגיה, קרישה			
Biological Testing, Platelet function					בדיקות ביולוגיות, תפקודי טסיות			
123	A	P	Platelet aggregation for bleeding evaluation	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Aggregation induced by ADP, Epinephrin, Collagen , Ristocetin from Helena, Diamed, Molab	Aggram aggregometer Helena	---
124	A	P	Platelet aggregation for monitoring anti platelet drugs	Plasma, (Na Citrate)	פלסמה (Na Citrate)	Aggregation induced by ADP, Epinephrin, Arachidonic acil, from Diamed and Molab	Aggram aggregometer Helena	---

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Date of issue 26.08.2013 Version No. 4

Page No. 23 of: 52

The certificate attached is an integral part of the schedule and is numbered identically התעודה המצורפת לספח זה מהווה חלק בלתי נפרד ממנו ומספרה זהה למספר הספח



Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115
Appendix to Certificate No. 115-04

Name and Address:

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Item	Scope Type	Site	Types of Test / Properties Measured	Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks	
Group of products: Health, Medicine - Endocrinology					משפחת מוצרים: בריאות, רפואה - אנדוקרינולוגיה				
Biological Testing, Immunoassays by Autoanalysers					בדיקות ביולוגיות, שיטות אימונוכימיות באוטואנלייזרים				
125	A	P	β -hCG (β - human Chorionic Gonadotropin)	β -hCG (β - human Chorionic Gonadotropin)	Serum	סרום Immunoassay/ Chemiluminescence	Immulite 2000	---	
126	A	P	17 β -Estradiol	17 β -Estradiol	Serum	סרום Immunoassay/ Chemiluminescence	Immulite 2000	---	
127	A	P	25-OH-Vitamin D	25-OH-Vitamin D	Serum	סרום Immunoassay/ Chemiluminescence	LIAISON	---	
128	A	P	ACTH	ACTH	Plasma	סרום Immunoassay/ Chemiluminescence	Immulite 2000	---	
129	A	P	Cortisol	Cortisol	Serum	סרום Immunoassay/ Chemiluminescence	Immulite 2000	---	

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

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Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115

Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured	Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks	
Group of products: Health, Medicine - Endocrinology					משפחת מוצרים: בריאות, רפואה - אנדוקרינולוגיה				
Biological Testing, Immunoassays by Autoanalysers					בדיקות ביולוגיות, שיטות אימונוכימיות באוטואנלייזרים				
130	A	P	C-peptide	C-peptide	סרום	Immunoassay/ Chemiluminescence	Immulite 2000	---	
131	A	P	DHEA-S (DehydroepiandrosteroneSulfate)	DHEA-S (DehydroepiandrosteroneSulfate)	סרום	Immunoassay/ Chemiluminescence	Immulite 2000	---	
132	A	P	FSH (Follicular Stimulating Hormone)	FSH (Follicular Stimulating Hormone)	סרום	Immunoassay/ Chemiluminescence	Immulite 2000	---	
133	A	P	GH (Growth Hormone)	GH (Growth Hormone)	סרום	Immunoassay/ Chemiluminescence	Immulite 2000	---	
134	A	P	IGF-1 (Insulin-like Growth Factor 1)	IGF-1 (Insulin-like Growth Factor 1)	סרום	Immunoassay/ Chemiluminescence	Immulite 2000	---	
135	A	P	Insulin	אינסולין	סרום	Immunoassay/ Chemiluminescence	Immulite 2000	---	
136	A	P	LH (Luteinizing Hormone)	LH (Luteinizing Hormone)	סרום	Immunoassay/ Chemiluminescence	Immulite 2000	---	
137	A	P	PRL (Prolactin)	PRL (Prolactin)	סרום	Immunoassay/ Chemiluminescence	Immulite 2000	---	
138	A	P	Progesterone	פרוגסטרון	סרום	Immunoassay/ Chemiluminescence	Immulite 2000	---	
139	A	P	PTH-I (Para Thyroid Hormone-Intact)	PTH-I (Para Thyroid Hormone-Intact)	פלסמה	Immunoassay/ Chemiluminescence	Immulite 2000	---	
140	A	P	Testosterone	טסטוסטרון	סרום	Immunoassay/ Chemiluminescence	Immulite 2000	---	

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

Type of Scopes: A- Fixed, C- Flexible scope in analytical tests : Type of matrix, analytes, experimental systems and/or analytical characteristics may be subject to changes, in accordance with the laboratory's approved and documented procedures. For details, please refer to the list of Accredited Tests, available from the laboratory upon request.



Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115

Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Endocrinology					משפחת מוצרים: בריאות, רפואה - אנדוקרינולוגיה				
Biological Testing, Immunoassays by Autoanalysers					בדיקות ביולוגיות, שיטות אימונוכימיות באוטואנלייזרים				
141	A	P	Thyroglobulin	Thyroglobulin	Serum	סרום Immunoassay/ Chemiluminescence	Immulite 2000	---	
142	A	P	Thyroglobulin Ab	Thyroglobulin Ab	Serum	סרום Immunoassay/ Chemiluminescence	Immulite 2000	---	
143	A	P	TPO Ab (Thyroid Peroxidase-Ab)	TPO Ab (Thyroid Peroxidase-Ab)	Serum	סרום Immunoassay/ Chemiluminescence	Immulite 2000	---	

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

Type of Scopes: A- Fixed, C- Flexible scope in analytical tests : Type of matrix, analytes, experimental systems and/or analytical characteristics may be subject to changes, in accordance with the laboratory's approved and documented procedures. For details, please refer to the list of Accredited Tests, available from the laboratory upon request.



Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115

Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured	Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks		
Group of products: Health, Medicine - Endocrinology					משפחת מוצרים: בריאות, רפואה - אנדוקרינולוגיה					
Biological Testing, Manual Immunoassays					בדיקות ביולוגיות, שיטות אימונוכימיות ידניות					
144	A	P	Aldosterone	Aldosterone	Serum	סרום	RIA	DPC Kit	---	RIA= Radioimmunoassay
145	A	P	Androstenedione	Androstenedione	Serum	סרום	RIA	DSL Kit	---	
146	A	P	Cortisol (Free)	קורטיזול (חופשי)	Urine 24 HR	איסוף שתן 24 שעות	RIA	DPC Kit	---	
147	A	P	GAD Ab (Glutamic Acid Decarboxylase Ab)	GAD Ab (Glutamic Acid Decarboxylase Ab)	Serum	סרום	IRMA	CIS Kit	---	IRMA= Immunoradiometric Assay
148	A	P	Progesterone 17-OH (Progesterone 17-Hydroxy)	Progesterone 17-OH (Progesterone 17-Hydroxy)	Serum	סרום	RIA	CIS Kit	---	
149	A	P	Renin Activity	Renin Activity	Plasma	פלסמה	RIA	CIS Kit	---	

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

Type of Scopes: A- Fixed, C- Flexible scope in analytical tests : Type of matrix, analytes, experimental systems and/or analytical characteristics may be subject to changes, in accordance with the laboratory's approved and documented procedures. For details, please refer to the list of Accredited Tests, available from the laboratory upon request.

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The certificate attached is an integral part of the schedule and is numbered identically התעודה המצורפת לנספח זה מהווה חלק בלתי נפרד ממנו ומספרה זהה למספר הנספח



Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115
Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Endocrinology					משפחת מוצרים: בריאות, רפואה - אנדוקרינולוגיה				
Chemical Testing, Chromatography					בדיקות כימיות, כרומטוגרפיה				
150	A	P	Glycated HbA1C	Glycated HbA1C	Whole blood	דם מלא HPLC	D-10	---	HPLC=High Pressure Liquid Chromatography Automatic System

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

Type of Scopes: A- Fixed, C- Flexible scope in analytical tests : Type of matrix, analytes, experimental systems and/or analytical characteristics may be subject to changes, in accordance with the laboratory's approved and documented procedures. For details, please refer to the list of Accredited Tests, available from the laboratory upon request.

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The certificate attached is an integral part of the schedule and is numbered identically התעודה המצורפת לנספח זה מהווה חלק בלתי נפרד ממנו ומספרה זהה למספר הנספח



Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115
Appendix to Certificate No. 115-04

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Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Microbiology, Viruses					משפחת מוצרים: בריאות, רפואה - מיקרוביולוגיה, נגיפים				
Biological Testing, Non Culture Identification Typing - Immunoassays in Autoanalysers					בדיקות ביולוגיות, זיהוי ואפיון ללא תרבית - שיטות אימונוכימיות באוטואנלייזרים				
151	A	P	Virus: Hepatitis A Ab (IgM)	Virus: Hepatitis A Ab (IgM)	Serum	סרום MEIA	AxSYM Abbott Kit	---	MEIA= Microparticle Enzyme Immuno Assay
152	A	P	Virus: Hepatitis B Core Ab (Total)	Virus: Hepatitis B Core Ab (Total)	Serum	סרום MEIA	AxSYM Abbott Kit	---	
153	A	P	Virus: Hepatitis B e. Ab	Virus: Hepatitis B e. Ab	Serum	סרום MEIA	AxSYM Abbott Kit	---	
154	A	P	Virus: Hepatitis B e. Ag	Virus: Hepatitis B e. Ag	Serum	סרום MEIA	AxSYM Abbott Kit	---	
155	A	P	Virus: Hepatitis. B Core Ab (IgM)	Virus: Hepatitis. B Core Ab (IgM)	Serum	סרום MEIA	AxSYM Abbott Kit	---	

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

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Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115

Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Microbiology, Viruses					משפחת מוצרים: בריאות, רפואה - מיקרוביולוגיה, נגיפים				
Biological Testing, Non Culture Identification Typing - Immunoassays in Autoanalysers					בדיקות ביולוגיות, זיהוי ואפיון ללא תרבית – שיטות אימונוכימיות באוטואנלייזרים				
156	A	P	Virus: Hepatitis.A Ab (Total)	Virus: Hepatitis.A Ab (Total)	Serum	סרום MEIA	AxSYM Abbott Kit	---	
157	A	P	Virus: Hepatitis.B Surface Ab	Virus: Hepatitis.B Surface Ab	Serum	סרום MEIA	AxSYM Abbott Kit	---	

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

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The certificate attached is an integral part of the schedule and is numbered identically התעודה המצורפת לנספח זה מהווה חלק בלתי נפרד ממנו ומספרה זהה למספר הנספח



Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115
Appendix to Certificate No. 115-04

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Item	Scope Type	Site	Types of Test / Properties Measured	Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks	
Group of products: Health, Medicine - Hematology					משפחת מוצרים: בריאות, רפואה - המטולוגיה				
Biological Testing, Cell Typing by FACS Analysis					בדיקות ביולוגיות, איפיון תאים ב- FACS				
158	A	P	Cell Markers Diagnosis and follow up of: AML, ALL, CLL, Lymphomas, NB, PNH, MDS MRD of ALL and CLL. Quantization of stem cells in transplants from peripheral blood stem cell collections, B.M, cord blood. Identify lymphocyte subpopulations in peripheral blood. DNA content and Cell Cycle.	Cell Markers Diagnosis and follow up of: AML, ALL, CLL, Lymphomas, NB, PNH, MDS MRD of ALL and CLL. Quantization of stem cells in transplants from peripheral blood stem cell collections, B.M, cord blood. Identify lymphocyte subpopulations in peripheral blood. DNA content and Cell Cycle.	Bone marrow, peripheral blood, body fluids	מח עצם, דם היקפי, נוזלי גוף Immunofluorescence by Flow Cytometry On whole blood or Ficol separated cells. Using monoclonal and polyclonal Antibodies. Reagents of: Beckman Coulter, Becton Dickinson, Dako, e-Bioscience, IQP, Invitrogen, Biolegend	Canto II	---	FACS = Fluorescence Activated Cell Sorter AML, ALL= Acute leukemias CLL= Chronic leukemias NB = Neuroblastoma PNH = Paroxysmal nocturnal hemoglobinuria MDS = Myelodysplastic syndromes MRD = Minimal residual disease

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

Type of Scopes: A- Fixed, C- Flexible scope in analytical tests : Type of matrix, analytes, experimental systems and/or analytical characteristics may be subject to changes, in accordance with the laboratory's approved and documented procedures. For details, please refer to the list of Accredited Tests, available from the laboratory upon request.



Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115

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Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Hematology					משפחת מוצרים: בריאות, רפואה - המטולוגיה				
Biological Testing, Cell Typing by FACS Analysis					בדיקות ביולוגיות, איפיון תאים ב- FACS				
159	A	P	Cell Markers See the test above	Cell Markers See the test above	Bone marrow, peripheral blood, body fluids	מוח עצם, דם היקפי, נוזלי גוף Immunofluorescence by Flow Cytometry On whole bone marrow or Ficol separated cells. Using monoclonal and polyclonal Antibodies. Reagents of: Beckman Coulter, Becton Dickinson, Dako, e-Bioscience, IQP, Invitrogen, Biolegend	Becton Dickinson FACSCalibur	---	

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

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Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115

Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured	Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks	
Group of products: Health, Medicine - Hematology				משפחת מוצרים: בריאות, רפואה - המטולוגיה					
Biological Testing, Blood Cell Typing Manual smear				בדיקות ביולוגיות, אפיון תאי דם, משטח ידני					
160	A	P	Blood Smears or Films: Normal blood films Young cells: Stabs, MetaMyelocytes, Myelocytes, Promyrlocytes, Blasts. Atypical Lymphocytes., Lymphocytes., Monocytes, Granulocytes Red Blood Cell pathology. Leukemic blood smears. Abnormalities in Platelets.	Blood Smears or Films: Normal blood films Young cells: Stabs, MetaMyelocytes, Myelocytes, Promyrlocytes, Blasts. Atypical Lymphocytes., Monocytes, Granulocytes Red Blood Cell pathology. Leukemic blood smears. Abnormalities in Platelets.	Whole blood	דם מלא	Microscopy on Gimsa stained slides.	Manual and automatically spread blood smears by Beckman Coulter 755.	---

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

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Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Hematology, Hematologic Cytogenetics					משפחת מוצרים: בריאות, רפואה - המטולוגיה, ציטוגנטיקה המטולוגית				
Biological Testing, Cariotyping/Chromosome Analysis					בדיקות ביולוגיות, קאריוטיפינג/בדיקת כרומוזומים				
161	A	P	Karyotype analysis of Hematological diseases and malignancies: AML, CML, ALL, MDS, Lymphomas. Other malignancies: NB, PNET	Karyotype analysis of Hematological diseases and malignancies: AML, CML, ALL, MDS, Lymphomas. Other malignancies: NB, PNET	Bone marrow, peripheral blood	מח עצם, דם היקפי	Light microscopy on G banded chromosomes	Microscope (Nikon) and computerized image acquisition and analysis system for karyotyping (ASI)	--- AML, ALL= Acute leukemias CLL, CML= Chronic leukemias MDS = Myelodysplastic syndromes NB = Neuroblastoma PNET = Primitive neuroectodermal tumors

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

Type of Scopes: A- Fixed, C- Flexible scope in analytical tests : Type of matrix, analytes, experimental systems and/or analytical characteristics may be subject to changes, in accordance with the laboratory's approved and documented procedures. For details, please refer to the list of Accredited Tests, available from the laboratory upon request.



Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115

Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks	
Group of products: Health, Medicine - Hematology, Hematologic Cytogenetics					משפחת מוצרים: בריאות, רפואה - המטולוגיה, ציטוגנטיקה המטולוגית					
Biological Testing, FISH					בדיקות ביולוגיות, FISH					
162	A	P	Molecular cytogenetic Diagnosis and follow-up of Neuroblastoma, N-MYC amplification, -MLL.	Molecular cytogenetic Diagnosis and follow-up of Neuroblastoma, N-MYC amplification, -MLL.	Bone marrow, and solid tumors	מח עצם, גידולים מוצקים	FISH	Fluorescent microscope	---	FISH = Fluorescent In Situ Hybridization
163	A	P	Molecular cytogenetic Diagnosis and follow-up of Ewing Sarcoma: t(11;22).	Molecular cytogenetic Diagnosis and follow-up of Ewing Sarcoma: t(11;22).	Bone marrow, and solid tumors	מח עצם, גידולים מוצקים	FISH	Fluorescent microscope	---	
164	A	P	Molecular cytogenetic Diagnosis and follow-up of CML: bcr/abl , bcr/ablES, bcr/abl-dual fusion. CML blast crisis: bcr/ablES, +8.	Molecular cytogenetic Diagnosis and follow-up of CML: bcr/abl , bcr/ablES, bcr/abl-dual fusion. CML blast crisis: bcr/ablES, +8.	Bone marrow, peripheral blood	מח עצם, דם היקפי	FISH	Fluorescent microscope	---	
165	A	P	Molecular cytogenetic Diagnosis and follow-up of AML: t(8;21), inv(16), +8, MLL rearrangements, t(15;17), -5/5q31-, -7/7q31-, +8, 20q-.	Molecular cytogenetic Diagnosis and follow-up of AML: t(8;21), inv(16), +8, MLL rearrangements, t(15;17), -5/5q31-, -7/7q31-, +8, 20q-.	Bone marrow, peripheral blood	מח עצם, דם היקפי	FISH	Fluorescent microscope	---	
166	A	P	Molecular cytogenetic Diagnosis and follow-up of CLL: +12, -p53, 13q14-, 11q-, 6q-.	Molecular cytogenetic Diagnosis and follow-up of CLL: +12, -p53, 13q14-, 11q-, 6q-.	Bone marrow, peripheral blood	מח עצם, דם היקפי	FISH	Fluorescent microscope	---	

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

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Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115

Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured	Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks	
Group of products: Health, Medicine - Hematology, Hematologic Cytogenetics					משפחת מוצרים: בריאות, רפואה - המטולוגיה, ציטוגנטיקה המטולוגית				
Biological Testing, FISH					FISH, בדיקות ביולוגיות				
167	A	P	Molecular cytogenetic Diagnosis and follow-up of ALL: bcr/ablES, +4,+6,+10,+17,+21), t(12;21),12p-, 9p21-, MLL rearrangements.	Molecular cytogenetic Diagnosis and follow-up of ALL: bcr/ablES, +4,+6,+10,+17,+21), t(12;21),12p-, 9p21-, MLL rearrangements.	Bone marrow, peripheral blood	מח עצם, דם היקפי	FISH	Fluorescent microscope	---
168	A	P	Molecular cytogenetic Diagnosis and follow-up of Anaplastic Large T-Cell Lymphoma: t(2;5). Follicular Lymphoma: t(14;18), IGH rearrangements. Mantle Cell Lymphoma: t(11;14), 13q14.3-, IGH rearrangements. Burkitt's Lymphoma: t(8;14), C-MYC rearrangements. Diffuse Large B-cell Lymphoma: BCL6(3q27) rearrangements. MALT Lymphoma: MALT1 (18q21) rearrangements.	Molecular cytogenetic Diagnosis and follow-up of Anaplastic Large T-Cell Lymphoma: t(2;5). Follicular Lymphoma: t(14;18), IGH rearrangements. Mantle Cell Lymphoma: t(11;14), 13q14.3-, IGH rearrangements. Burkitt's Lymphoma: t(8;14), C-MYC rearrangements. Diffuse Large B-cell Lymphoma: BCL6(3q27) rearrangements. MALT Lymphoma: MALT1 (18q21) rearrangements.	Bone marrow, peripheral blood	מח עצם, דם היקפי	FISH	Fluorescent microscope	---
169	A	P	Molecular cytogenetic Diagnosis and follow-up of Post-Allogeneic BMT: XX/XY	Molecular cytogenetic Diagnosis and follow-up of Post-Allogeneic BMT: XX/XY	Bone marrow, peripheral blood	מח עצם, דם היקפי	FISH	Fluorescent microscope	---

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

Type of Scopes: A- Fixed, C- Flexible scope in analytical tests : Type of matrix, analytes, experimental systems and/or analytical characteristics may be subject to changes, in accordance with the laboratory's approved and documented procedures. For details, please refer to the list of Accredited Tests, available from the laboratory upon request.



Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115

Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Hematology, Hematologic Cytogenetics					משפחת מוצרים: בריאות, רפואה - המטולוגיה, ציטוגנטיקה המטולוגית				
Biological Testing, FISH					FISH, בדיקות ביולוגיות, FISH				
170	A	P	Molecular cytogenetic Diagnosis and follow-up of MDS: -5/5q31-, -7/7q31-, +8, 20q-	Molecular cytogenetic Diagnosis and follow-up of MDS: -5/5q31-, -7/7q31-, +8, 20q-	Bone marrow, peripheral blood	מח עצם, דם היקפי	FISH	Fluorescent microscope	---

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

Type of Scopes: A- Fixed, C- Flexible scope in analytical tests : Type of matrix, analytes, experimental systems and/or analytical characteristics may be subject to changes, in accordance with the laboratory's approved and documented procedures. For details, please refer to the list of Accredited Tests, available from the laboratory upon request.



Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115

Appendix to Certificate No. 115-04

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Organization name Sheba Medical Center
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E-Mail roitelma@sheba.health.gov.il

Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Chemistry, General Biochemistry					משפחת מוצרים: בריאות, רפואה - כימיה, ביוכימיה כללית				
Chemical Testing, Autoanalysers					בדיקות כימיות, שיטות באוטואנלייזרים				
171	A	P	Apolipoprotein A1	Apolipoprotein A1	Plasma, Serum	פלסמה, סרום	Immunoturbido-metric	Olympus AU400 / kit by Beckman Coulter	---
172	A	P	Apolipoprotein B	Apolipoprotein B	Plasma, Serum	פלסמה, סרום	Immunoturbido-metric	Olympus AU400 / kit by Beckman Coulter	---
173	A	P	Apolipoprotein CII	Apolipoprotein CII	Plasma, Serum	פלסמה, סרום	Immunoturbido-metric	Olympus AU400 / kit by Kamiya	---
174	A	P	Apolipoprotein CIII	Apolipoprotein CIII	Serum	סרום	Immunoturbido-metric	Olympus AU400 / kit by Kamiya	---
175	A	P	Cholesterol	כולסטרול	Plasma, Serum	פלסמה, סרום	Enzymantic /Colorimetric	Olympus AU400 / kit by Beckman Coulter	---

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

Type of Scopes: A- Fixed, C- Flexible scope in analytical tests : Type of matrix, analytes, experimental systems and/or analytical characteristics may be subject to changes, in accordance with the laboratory's approved and documented procedures. For details, please refer to the list of Accredited Tests, available from the laboratory upon request.



Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115

Appendix to Certificate No. 115-04

Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Chemistry, General Biochemistry					משפחת מוצרים: בריאות, רפואה - כימיה, ביוכימיה כללית				
Chemical Testing, Autoanalysers					בדיקות כימיות, שיטות באוטואנלייזרים				
176	A	P	HDL (High Density Lipoprotein) cholesterol	HDL (High Density Lipoprotein) cholesterol	Plasma, Serum	פלסמה, סרום	Enzymantic /Colorimetric	Olympus AU400 / kit by Beckman Coulter	---
177	A	P	High sensitive C-reactive protein	High sensitive C-reactive protein	Plasma, Serum	פלסמה, סרום	Immunoturbido-metric	Olympus AU400 / kit by Beckman Coulter	---
178	A	P	LDL (Low Density Lipoprotein) cholesterol	LDL (Low Density Lipoprotein) cholesterol	Plasma, Serum	פלסמה, סרום	Enzymantic /Colorimetric	Olympus AU400 / kit by Beckman Coulter	---
179	A	P	Lipoprotein (a)	Lipoprotein (a)	Plasma, Serum	פלסמה, סרום	Immunoturbido-metric	Olympus AU400 / kit by Kamiya	---
180	A	P	Triglycerides	Triglycerides	Plasma, Serum	פלסמה, סרום	Enzymantic /Colorimetric	Olympus AU400 / kit by Beckman Coulter	---

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

Type of Scopes: A- Fixed, C- Flexible scope in analytical tests : Type of matrix, analytes, experimental systems and/or analytical characteristics may be subject to changes, in accordance with the laboratory's approved and documented procedures. For details, please refer to the list of Accredited Tests, available from the laboratory upon request.

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The certificate attached is an integral part of the schedule and is numbered identically התעודה המצורפת לנספח זה מהווה חלק בלתי נפרד ממנו ומספרה זהה למספר הנספח



Department: Testing Laboratory-Medical ISO 15189 Accreditation No. 115

Appendix to Certificate No. 115-04

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Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks	
Group of products: Health, Medicine - Chemistry, Toxicology and Pharmacology						משפחת מוצרים: בריאות, רפואה - כימיה, טוקסיקולוגיה ופרמקולוגיה				
Chemical Testing, Autoanalysers						בדיקות כימיות, שיטות באוטואנלייזרים				
181	A	P	Acetyl Choline Esterase	Acetyl Choline Esterase	RBC	תאי דם אדומים	Elman-Colorimetric	Olympus 640AU 2700AU kit by Microgenics.	---	RBC=Red Blood Cell
182	A	P	Amphetamines	אמפטמינים	Urine	שתן	EMIT	Olympus AU640 2700AU kit by Microgenics	---	EMIT=Enzyme Mediated Immunoassay Technique
183	A	P	Barbiturates	ברביטורטים	Urine	שתן	EMIT	Olympus AU640 2700AU kit by Microgenics	---	
184	A	P	Benzodiazepines	Benzodiazepines	Urine	שתן	EMIT	Olympus AU640 2700AU kit by Microgenics	---	

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

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Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Chemistry, Toxicology and Pharmacology					משפחת מוצרים: בריאות, רפואה - כימיה, טוקסיקולוגיה ופרמקולוגיה				
Chemical Testing, Autoanalysers					בדיקות כימיות, שיטות באוטואנלייזרים				
185	A	P	Cannabinoids	Cannabinoids	Urine	שתן	EMIT	Olympus AU640 2700AU kit by Microgenic	---
186	A	P	Cocaine metabolite	Cocaine metabolite	Urine	שתן	EMIT	Olympus AU640 2700AU kit by Microgenic	---
187	A	P	Creatinine	Creatinine	Urine	שתן	Colorimetric	Olympus 640AU 2700AU kit by Olympus DRI Microgenics.	---
188	A	P	EDDP (2-Ethylidene 1.5-Dimethyl 3.3- Diphenylpyrrolidine)	EDDP (2-Ethylidene 1.5-Dimethyl 3.3-Diphenylpyrrolidine)	Urine	שתן	EMIT	Olympus AU640 2700AU kit by Microgenic	Methadone metabolite
189	A	P	Methadone	מתאדון	Urine	שתן	EMIT	Olympus AU640 2700AU kit by Microgenic	---
190	A	P	Opiates	אופיאטים	Urine	שתן	EMIT	Olympus AU640 2700AU kit by Microgenic	---
191	A	P	Pseudo Choline Esterase	Pseudo Choline Esterase	Serum/Plasma	סרום / פלסמה	Elman-Colorimetric	Olympus 640AU 2700AU	---
192	A	P	Tri-Chloro-Acetic acid	Tri-Chloro-Acetic acid	Urine	שתן	Colorimetric	Spectrophotometer	---

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Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Chemistry, Toxicology and Pharmacology					משפחת מוצרים: בריאות, רפואה - כימיה, טוקסיקולוגיה ופרמקולוגיה				
Chemical Testing, Autoanalysers					בדיקות כימיות, שיטות באוטואנלייזרים				
193	A	P	ZPP (Zinc Proto Porphyrin)	ZPP (Zinc Proto Porphyrin)	Whole blood	דם מלא	hematofluorimeter	Proto Fluor-Z (Hematofluorimeter - Helena laboratories)	---

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Item	Scope Type	Site	Types of Test / Properties Measured		Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Chemistry, Toxicology and Pharmacology					משפחת מוצרים: בריאות, רפואה - כימיה, טוקסיקולוגיה ופרמקולוגיה				
Chemical Testing, Chromatography					בדיקות כימיות, כרומטוגרפיה				
194	A	P	Alcohol	אלכוהול	Blood	דם	Chromatography	GC-HS/FID (HP 7890A)	HS: Head Space FID: Flame Ionization Detector
195	A	P	Alcohol	אלכוהול	Urine	שתן	GC-HS/FID	GC-HS/FID (HP 7890A)	
196	A	P	Amphetamines	אמפטמינים	Urine	שתן	Chromatography	GC/MS (HP 6090 & HP 8970)	GC/MS=Gas Chromatography/Mass Spectroscopy
197	A	P	Cannabinoids	קנבינואידים	Urine	שתן	Chromatography	GC/MS (HP 6090 & HP 8970)	
198	A	P	Cocaine	קוקאין	Urine	שתן	Chromatography	GC/MS (HP 6090 & HP 8970)	
199	A	P	Hippuric & M-Hippuric acid	Hippuric & M-Hippuric acid	Urine	שתן	Chromatography	HPLC (HP 1100)	HPLC=High Pressure Liquid Chromatography
200	A	P	Mandelic acid & PGA (Phenyl Glyoxylic Acid)	Mandelic acid & PGA (Phenyl Glyoxylic Acid)	Urine	שתן	Chromatography	HPLC (HP 1100)	
201	A	P	Opiates	אופיאטים	Blood	דם	Chromatography	LC/MS (Micromass Quattro Ultima Pt)	
202	A	P	Opiates	אופיאטים	Urine	שתן	Chromatography	GC/MS (HP 6090 & HP 8970)	

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Item	Scope Type	Site	Types of Test / Properties Measured	Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks
Group of products: Health, Medicine - Chemistry, Toxicology and Pharmacology					משפחת מוצרים: בריאות, רפואה - כימיה, טוקסיקולוגיה ופרמקולוגיה			
Chemical Testing, Chromatography					בדיקות כימיות, כרומטוגרפיה			
203	A	P	Phenol	פנול Urine	שתן Chromatography	HPLC (HP 1100)	---	
204	A	P	tt(trans, trans)- Muonic acid	tt(trans, trans)-Muonic acid Urine	שתן Chromatography	HPLC (HP 1100)	---	

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Item	Scope Type	Site	Types of Test / Properties Measured	Materials / Samples Tested	Test principle / Characteristics	Equipment used / Work station	Opinion and Interpretation	Remarks	
Group of products: Health, Medicine - Chemistry, Toxicology and Pharmacology					משפחת מוצרים: בריאות, רפואה - כימיה, טוקסיקולוגיה ופרמקולוגיה				
Chemical Testing, Spectroscopy					בדיקות כימיות, ספקטרוסקופיה				
205	A	P	Arsenic	ארסן Urine	שתי Spectroscopy	AAS Perkin-Elmer Analyst800	---	AAS-Atomic Absorption Spectroscopy	
206	A	P	Cadmium	קדמיום Urine	שתי Spectroscopy	AAS Perkin-Elmer Analyst800	---		
207	A	P	Cadmium	קדמיום Whole blood	דם מלא Spectroscopy	AAS Perkin-Elmer Analyst800	---		
208	A	P	Chrome	כרום Urine	שתי Spectroscopy	AAS Perkin-Elmer Analyst800 & Varian AA280Z	---		
209	A	P	Cobalt	קובלט Urine	שתי Spectroscopy	AAS Perkin-Elmer Analyst800	---		
210	A	P	Lead	עופרת Urine	שתי Spectroscopy	AAS Perkin-Elmer Analyst800	---		
211	A	P	Lead	עופרת Whole blood	דם מלא Spectroscopy	AAS Perkin-Elmer Analyst800	---		
212	A	P	Nickel	ניקל Urine	שתי Spectroscopy	AAS Perkin-Elmer Analyst800	---		

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Schedule of Accreditation

Item	Scope Type	Site	Materials / Products Tested	Types of Test / Properties Measured	Standard / Method	Opinion and Interpretation	Remarks
Group of products: Forensic Exhibits				משפחת מוצרים: מוצגים פורנסיים			
Chemical Testing, Classical chemistry				בדיקות כימיות, כימיה קלאסית			
213	A	P	Forensic exhibits	מוצגים פורנסיים Cannabis	חשיש/ מריחואנה Color	---	Color test , Duquenois Levine

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The certificate attached is an integral part of the schedule and is numbered identically. התעודה המצורפת לנספח זה מהווה חלק בלתי נפרד ממנו ומספרה זהה לפרח ספח.



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Schedule of Accreditation

Item	Scope Type	Site	Materials / Products Tested	Types of Test / Properties Measured	Standard / Method	Opinion and Interpretation	Remarks
Group of products: Forensic Exhibits				משפחת מוצרים: מוצגים פורנסיים			
Chemical Testing, Chromatography				בדיקות כימיות, כרומטוגרפיה			
214	A	P	Forensic exhibits	מוצגים פורנסיים	Amphetamines	אמפטמינים	Chromatography --- HP 6090 & HP 8970 & Finnigen Polaris Q
215	A	P	Forensic exhibits	מוצגים פורנסיים	Cannabis	חשיש/ מריחואנה	Chromatography --- TLC=Thin Layer Chromatography
216	A	P	Forensic exhibits	מוצגים פורנסיים	Cannabis	חשיש/ מריחואנה	Thin-layer Chromatography --- HP 6090 & HP 8970 & Finnigen Polaris Q
217	A	P	Forensic exhibits	מוצגים פורנסיים	General drugs screening	סריקת סמים כללית	Chromatography --- HP 6090 & HP 8970 & Finnigen Polaris Q
218	A	P	Forensic exhibits	מוצגים פורנסיים	LSD (Lysergic acid Diethylamide)	LSD	Chromatography --- HP 6090 & HP 8970 & Finnigen Polaris Q

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Schedule of Accreditation

Item	Scope Type	Site	Materials / Products Tested		Types of Test / Properties Measured	Standard / Method	Opinion and Interpretation	Remarks	
Group of products: Environment - Air					משפחת מוצרים: איכות סביבה - אוויר				
Chemical Testing, Chromatography, GC					בדיקות כימיות, כרומטוגרפיה, GC				
219	A	P	Air-Industrial hygiene	אוויר - היגיינה תעשייתית	Alcohols combined	כוהלים משולבים	In house procedure	---	Based on: NIOSH 1405 GC/FID (HP 7890A & HP 5890) Compounds: n-butyl alcohol, sec- butyl alcohol, isobutyl alcohol, n-propyl alcohol
220	A	P	Air-Industrial hygiene	אוויר - היגיינה תעשייתית	Alcohols I	כוהלים I	In house procedure	---	NIOSH= The National Institute for Occupational Safety and Health Based on: NIOSH 1400 GC/FID (HP 7890A & HP 5890) Compounds: Ethanol, Isopropyl alcohol
221	A	P	Air-Industrial hygiene	אוויר - היגיינה תעשייתית	Alcohols IV	כוהלים IV	In house procedure	---	Based on: NIOSH 1403 GC/FID (HP 7890A & HP 5890) Compounds: 2-butoxyethanol, 2-ethoxyethanol, 2-methoxyethanol,
222	A	P	Air-Industrial hygiene	אוויר - היגיינה תעשייתית	Epichlorohydrine	אפיכלורוהידרין	In house procedure	---	Based on: NIOSH 1010 GC/FID (HP 7890A & HP 5890)
223	A	P	Air-Industrial hygiene	אוויר - היגיינה תעשייתית	Esters I	אסטרים I	In house procedure	---	Based on: NIOSH 1450 GC/FID (HP 7890A & HP 5890) Compounds: Butyl acetate

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Schedule of Accreditation

Item	Scope Type	Site	Materials / Products Tested		Types of Test / Properties Measured		Standard / Method	Opinion and Interpretation	Remarks
Group of products: Environment - Air					משפחת מוצרים: איכות סביבה - אויר				
Chemical Testing, Chromatography, GC					בדיקות כימיות, כרומטוגרפיה, GC				
224	A	P	Air-Industrial hygiene	אוייר - היגיינה תעשייתית	Hydrocarbons 36-126 °C BP	36-126 °C BP פחמנים	In house procedure	---	BP = Boiling Point Based on: NIOSH 1500 GC/FID (HP 7890A & HP 5890) Compounds: Hexane
225	A	P	Air-Industrial hygiene	אוייר - היגיינה תעשייתית	Hydrocarbons, ,Halogenated	פחמימנים הלוגנים	In house procedure	---	Based on: NIOSH1003 GC/FID (HP 7890A & HP 5890) Compounds: Chloroform,tetrachloroethylene ,1,1,1-trichloroethane Carbon tetrachloride
226	A	P	Air-Industrial hygiene	אוייר - היגיינה תעשייתית	Hydrocarbons, Aromatic	פחמימנים ארומטיים	In house procedure	---	Based on: NIOSH 1501 GC/FID (HP 7890A & HP 5890) Compounds: Benzene, Styrene, Toluene, Xylene
227	A	P	Air-Industrial hygiene	אוייר - היגיינה תעשייתית	Ketones I	קטונים I	In house procedure	---	Based on: NIOSH 1300 GC/FID (HP 7890A & HP 5890) Compounds: MIBK(methyl isobutyl ketone)
228	A	P	Air-Industrial hygiene	אוייר - היגיינה תעשייתית	Methyl acrylate	מתיל אקרילאט	In house procedure	---	Based on: NIOSH 1459 GC/FID (HP 7890A & HP 5890)
229	A	P	Air-Industrial hygiene	אוייר - היגיינה תעשייתית	Methyl ethyl ketone (2-butanone)	מתיל אתיל קטון	In house procedure	---	Based on: NIOSH 2500 GC/FID (HP 7890A & HP 5890)

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Schedule of Accreditation

Item	Scope Type	Site	Materials / Products Tested		Types of Test / Properties Measured		Standard / Method	Opinion and Interpretation	Remarks
Group of products: Environment - Air					משפחת מוצרים: איכות סביבה - אויר				
Chemical Testing, Chromatography, GC					בדיקות כימיות, כרומטוגרפיה, GC				
230	A	P	Air-Industrial hygiene	אויר - היגיינה תעשייתית	Methyl methacrylate	מתיל מתאקרילאט	In house procedure	---	Based on: NIOSH 2537 GC/FID (HP 7890A & HP 5890)
231	A	P	Air-Industrial hygiene	אויר - היגיינה תעשייתית	Methylene chloride	מתילן כלוריד	In house procedure	---	Based on: NIOSH 1005 GC/FID (HP 7890A & HP 5890)
232	A	P	Air-Industrial hygiene	אויר - היגיינה תעשייתית	Trichloroethylene	טריכלורואתילן	In house procedure	---	Based on: NIOSH 1022 GC/FID (HP 7890A & HP 5890)
233	A	P	Air-Industrial hygiene	אויר - היגיינה תעשייתית	Vinyl chloride	ויניל כלוריד	In house procedure	---	Based on: NIOSH 1007 GC/FID (HP 7890A & HP 5890)

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Item	Scope Type	Site	Materials / Products Tested		Types of Test / Properties Measured		Standard / Method	Opinion and Interpretation	Remarks
Group of products: Environment - Air					משפחת מוצרים: איכות סביבה - אוויר				
Chemical Testing, Spectroscopy, UV/Visible					בדיקות כימיות, ספקטרוסקופיה, תחום נראה/UV				
234	A	P	Air-Industrial hygiene	אוויר - היגיינה תעשייתית	Aromatic isocyanates	איזוציאנים ארומטיים	In house procedure	---	

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The certificate attached is an integral part of the schedule and is numbered identically התעודה המצורפת לנספח זה מהווה חלק בלתי נפרד ממנו ומספרה זהה למספר הנספח



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Item	Scope Type	Site	Materials / Products Tested	Types of Test / Properties Measured	Standard / Method	Opinion and Interpretation	Remarks		
Group of products: Environment - Air				משפחת מוצרים: איכות סביבה - אויר					
Chemical Testing, Spectroscopy, UV/Visible, Atomic absorption				בדיקות כימיות, ספקטרוסקופיה, תחום נראה/UV, בליעה אטומית					
235	A	P	Air-Industrial hygiene	אוייר - היגיינה תעשייתית	Arsenic	ארסן	In house procedure	---	Based on: NIOSH P&CAM 173 AAS Varian AA280Z
236	A	P	Air-Industrial hygiene	אוייר - היגיינה תעשייתית	Beryllium and compounds	בריליום ותרכובות	In house procedure	---	Based on: NIOSH 7102 AAS Varian AA280Z
237	A	P	Air-Industrial hygiene	אוייר - היגיינה תעשייתית	Cadmium and compounds	קדמיום ותרכובות	In house procedure	---	Based on: NIOSH 7048 AAS Varian AA280Z & AA280FS
238	A	P	Air-Industrial hygiene	אוייר - היגיינה תעשייתית	Chromium and compounds	כרום ותרכובות	In house procedure	---	Based on: NIOSH 7024 AAS Varian AA280Z & AA280FS
239	A	P	Air-Industrial hygiene	אוייר - היגיינה תעשייתית	Cobalt and compounds	קובלט ותרכובות	In house procedure	---	Based on: NIOSH 7027 AAS Varian AA280Z & AA280FS
240	A	P	Air-Industrial hygiene	אוייר - היגיינה תעשייתית	Lead	עופרת	In house procedure	---	Based on: NIOSH 7082 AAS Varian AA280Z& AA280FS
241	A	P	Air-Industrial hygiene	אוייר - היגיינה תעשייתית	Lead	עופרת	In house procedure	---	Based on: NIOSH 7105 AAS Varian AA280Z
242	A	P	Air-Industrial hygiene	אוייר - היגיינה תעשייתית	Nickel	ניקל	In house procedure	---	Based on: NIOSH 7105, 7082 AAS Varian AA280Z & AA280FS

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