

Examination results

Order date: 19/01/2022 Order No: 27717184
 Patient: **Kjemali Albana**
 Date of birth: 13.11.2013 Контракт: Вівере Київ
 Age: 8 Y 2 M BDP: Orders Kiev
 Gender: Female Doctor:



Barcode: **3004664883**

High attention zone

Parameter	Result	Unit	Reference range
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Bio/immunochemistry

Homocysteine	4.9	μmol/L	Children (up to 15 years): up to 10.0 Adults: 15 - 65 years: up to 15.0 over 65 years: up to 20.0 Pregnancy: up to 10.0 For Folate supplemented: Children (up to 15 years): up to 8.0 Adults: 15 - 65 years: up to 12.0 over 65 years: up to 16.0 Pregnancy: up to 8.0
Free Thyroxine (T4 free)	1.16	ng/dL	Children: 0-12 mo.: 1.1 - 2.0 1-6 years: 0.9 - 1.7 7-12 years: 1.1 - 1.7 13-17 years: 1.1 - 1.8 Adults: 0.93 - 1.7 Method: Electrochemiluminescence Immunoassay (ECLIA) Reagents: Roche Diagnostics (Switzerland) Analyzer: Cobas 8000/Cobas Pro/Cobas 6000/Cobas e411 (Switzerland)
Neuron-specific enolase (NSE)	35.16	ng/mL	up to 16.3 Method: Electrochemiluminescence Immunoassay (ECLIA) Reagents: Roche Diagnostics (Switzerland) Analyzer: Cobas 8000/Cobas Pro/Cobas 6000/Cobas e411 (Switzerland)
Alanine Aminotransferase (ALT)	12	U/L	Men: up to 41.0 Women: up to 33.0
Antistreptolysin-O (ASL-O)	104	IU/mL	Children: up to 150.0 Adults: up to 200.0
Aspartate Aminotransferase (AST)	32	U/L	Men: up to 40.0 Women: up to 32.0
Creatinine	53	μmol/L	Children: Newborns: 21.0 - 75.0 2-12 mo.: 15.0 - 37.0 1-3 years: 21.0 - 36.0 3-5 years: 27.0 - 42.0 5-7 years: 28.0 - 52.0 7-9 years: 35.0 - 53.0 9-11 years: 34.0 - 65.0 11-13 years: 46.0 - 70.0 13-15 years: 50.0 - 77.0 Adults: Women: 44.0 - 80.0 Men: 62.0 - 106.0

Laboratory test results cannot be a sole ground for diagnosis.

Only doctor can interpret results and make a diagnosis.

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Lactate dehydrogenase (LDH)	304	U/L	Children: 4-20 days: 225.0 - 600.0 20 days- 2 years: up to 430.0 2 years-15 years: 120.0 - 300.0 Women: 135.0 - 214.0 Men: 135.0 - 225.0
Alkaline Phosphatase (ALP)	181	U/L	Children: 0 - 14 days of life: 83.0 - 248.0 15 days of life - <1 year: 122.0 - 469.0 1 - <10 years: 142.0 - 335.0 10 - <13 years: 129.0 - 417.0 Children (M): 13 - <15 years: 116.0 - 468.0 15 - <17 years: 82.0 - 331.0 17 - <19 years: 55.0 - 149.0 Children (W): 13 - <15 years: 57.0 - 254.0 15 - <17 years: 50.0 - 117.0 17 - <19 years: 45.0 - 87.0 Adults (over 19 years): Men: 40.0 - 129.0 Women: 35.0 - 104.0
Bicarbonate	15.9	mmol/L	22.0 - 29.0
Tumor marker protein S-100	0.298	µg/L	up to 0.105
25-hydroxyvitamin D, 25-(OH)D	32.6	ng/mL	Children (up to 18 years): Deficit: <20.0 Optimum level: ≥20.0 Adults (over 18 years): Deficit: <20.0 Insufficiency: 20.0 - <30.0 Optimum level: ≥30.0 Method: Electrochemiluminescence Immunoassay (ECLIA) Reagents: Roche Diagnostics (Switzerland) Analyzer: Cobas 8000/Cobas Pro/Cobas 6000/Cobas e411 (Switzerland)

Immunology-ELISA

Antinuclear antibodies (ANA, method IFT)	<1:100	Titer	<1:100 - negative result
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IMD Germany

Tumor-M2-pyruvate kinase	20.2	U/mL	<15.0 - negative result 15.0 - 20.0 - doubtful result >20.0 - positive result
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Package # 30.1 (Complex immunological research)

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Immunoglobulin A (IgA, serum)	1.21	g/L	Children: 0-1 year: up to 0.83 1-3 years: 0.20 - 1.00 4-6 years: 0.27 - 1.95 7-9 years: 0.34 - 3.05 10-11 years: 0.53 - 2.04 12-13 years: 0.58 - 3.58 14-15 years: 0.47 - 2.49 16-19 years: 0.61 - 3.48 Adults: 0.70 - 4.00
Immunoglobulin M (IgM, serum)	0.38	g/L	Children: 0-1 year: up to 1.45 1-3 years: 0.19 - 1.46 4-6 years: 0.24 - 2.10 7-9 years: 0.31 - 2.08 10-11 years: 0.31 - 1.79 12-13 years: 0.35 - 2.39 14-15 years: 0.15 - 1.88 16-19 years: 0.23 - 2.59 Adults: 0.40 - 2.30
Immunoglobulin G (IgG, serum)	13.78	g/L	Adults: 7.00 - 16.00
Immunoglobulin E (IgE total, serum)	8	IU/mL	Children: Newborns: up to 1.5 up to 1 year: up to 15.0 1-5 years: up to 60.0 6-9 years: up to 90.0 10-15 years: up to 200.0 Adults: up to 100.0 Method: Electrochemiluminescence Immunoassay (ECLIA) Reagents: Roche Diagnostics (Switzerland) Analyzer: Cobas 8000/Cobas Pro/Cobas 6000/Cobas e411 (Switzerland) 6000/Cobas e411 (Switzerland)
Complement (C3C component)	0.8	g/L	0.9 - 1.8
Complement (C4 component)	0.14	g/L	0.1 - 0.4

Score lymphocyte subsets in blood

Your result is ready. Its interpretation is available in additional file. Interpretation of this type of immunological studies and further diagnosis is made only by physician-specialist.

Functional activity of immune cells/CIC

Your result is ready. Its interpretation is available in additional file. Interpretation of this type of immunological studies and further diagnosis is made only by physician-specialist.

Clinical analysis of blood (automated with WBC differential)

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Parameter	Result	Unit	Reference range
Erythrocyte sedimentation rate (ESR)	4	mm/h	Normative values (Westergren's method): Children up to 17 years: up to 10.0 Men (17 - 50 years): up to 15.0 Men (over 50 years): up to 20.0 Women (17 - 50 years): up to 20.0 Women (over 50 years): up to 30.0 It is executed by Alifax Test-1 analyzer

Complete blood count (CBC)

Methods/Laboratory equipment:

Complete blood count 6-DIFF with differentiation of leukocyte formula into 6 subpopulations of leukocytes (Neutrophils, Lymphocytes, Monocytes, Eosinophils, Basophils, Immature granulocytes) by Fluorescent Flow Cytometry technology on analyzers XN-2000/XN-1500/XN-1000/XN-550/XN-350/XN-330 (Sysmex, Japan). Intelligent wedge-shaped method of preparation and staining of blood smear on Sysmex SP-10 analyzers (Sysmex, Japan). Automated system of digital visualization and morphological analysis of blood cells on Sysmex DM-96 analyzers (Sysmex, Japan).

White blood cells (WBC)	8.89	10 ⁹ cell/L	Children: up to 1 year: 6.5-12.5 1-3 years: 5.0-12.0 3-6 years: 4.5-10.0 6-16 years: 4.3-9.5 Adults: 4.0-9.0
Red blood cells (RBC)	5.64	10 ¹² cell/L	Children: up to 1 year: 3.3-4.9 1-6 years: 3.5-4.5 6-12 years: 3.5-4.7 12-16 years: 3.6-5.1 Adults: Men: 4.0-5.0 Women: 3.7-4.7 Hydrodynamic focusing with impedance method (direct determination method)
Hemoglobin (HGB)	136	g/L	Children: up to 1 year: 100-140 1-6 years: 110-145 6-16 years: 115-150 Adults: Men: 130-160 Women: 120-140 Cyanide-free SLS method
Hematocrit (HCT)	42.8	%	Children: up to 1 year: 32-49 1-16 years: 32-45 Adults: 35-54 Direct determination by conductometric method
Mean Corpuscular Volume (MCV)	75.9	fl	Children: up to 1 year: 77-100 1-16 years: 78-98 Adults: 76-96
Mean Corpuscular Hemoglobin (MCH)	24.1	pg	Children: up to 1 year: 28-35 1-16 years: 28-32 Adults: 27-33
Mean Corpuscular Hemoglobin Concentration (MCHC)	31.8	g/dL	32.0 - 36.0
Platelets (PLT)	511	10 ⁹ cell/L	Children: up to 1 year: 180-400 1-16 years: 160-390 Adults: 180-360 Hydrodynamic focusing with impedance method (direct determination method)

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Complete blood count (CBC)			
Red Blood Cell Distribution Width (RDW-SD)	47.5	fl	35.0 - 46.0
Red Blood Cell Distribution Width (RDW-CV)	17.3	%	12.0 - 15.0
Platelet Distribution Width (PDW)	13.6	fl	10.0 - 20.0
Mean Platelet Volume (MPV)	10.9	fl	6.0 - 13.0
Platelet Crit (PCT)	0.56	%	0.1 - 0.5
Neutrophils (per 100 leukocytes)	21.5	%	Children: up to 1 year: 15-45 1-6 years: 25-60 6-12 years: 35-65 12-16 years: 40-65 Adults: 47-72
Neutrophils (abs.)	1.91	10 ⁹ cell/L	Adults: Women: 1.56 - 6.13 Men: 1.78 - 5.38
Lymphocytes (per 100 leukocytes)	65.8	%	Children: up to 1 year: 38-74 1-6 years: 25-60 6-12 years: 24-54 12-16 years: 22-50 Adults: 19-37
Lymphocytes (abs.)	5.85	10 ⁹ cell/L	Adults: Women: 1.18 - 3.74 Men: 1.32 - 3.57
Monocytes (per 100 leukocytes)	7.6	%	Children: up to 1 year: 2-12 1-16 years: 2-10 Adults: 3-10
Monocytes (abs.)	0.68	10 ⁹ cell/L	Adults: Women: 0.24 - 0.82 Men: 0.30 - 0.82
Eosinophils (per 100 leukocytes)	4.2	%	Children: up to 1 year: 0.5-7.0 1-16 years: 0.5-6.0 Adults: 0.5-5.0
Eosinophils (abs.)	0.37	10 ⁹ cell/L	Adults: Women: 0.04 - 0.36 Men: 0.04 - 0.54
Basophils (per 100 leukocytes)	0.8	%	0.0 - 1.0
Basophils (abs.)	0.07	10 ⁹ cell/L	0.01 - 0.08

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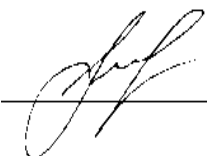


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Parameter	Result	Unit	Reference range
Complete blood count (CBC)			
Immature granulocytes (per 100 leukocytes)	0.1	%	* Children: up to 2 years: ≤ 0.4 2-5 years: ≤ 0.3 5-10 years: ≤ 0.4 10-18 years: ≤ 1.1 Adults: 18-20 years: ≤ 1.1 20-60 years: ≤ 0.9 over 60 years: ≤ 1.1 * According to the recommendations provided by Roehrl et al., Reference Ranges for Immature Granulocytes Arch Pathol Lab Med — Vol 135, 2011 ** Pregnant women: I trimester: ≤ 0.92 II trimester: ≤ 2.00 III trimester: ≤ 3.80 ** According to the recommendations provided by Ling-Ling Yuet al., Changes and reference intervals of immature granulocytes in the peripheral blood of women according to pregnancy trimester Int J Clin Exp Med 2016; 9 (5): 8169-8175
Immature granulocytes (abs.)	0.01	10^9 cell/L	* Children: up to 1 year: ≤ 0.05 1-10 years: ≤ 0.04 10-18 years: ≤ 0.13 Adults: 18-20 years: ≤ 0.13 20-60 years: ≤ 0.06 over 60 years: ≤ 0.08 * According to the recommendations provided by Roehrl et al., Reference Ranges for Immature Granulocytes Arch Pathol Lab Med — Vol 135, 2011 ** Pregnant women: I trimester: ≤ 0.091 II trimester: ≤ 0.247 Third trimester: ≤ 0.456 ** According to the recommendations provided by Ling-Ling Yuet al., Changes and reference intervals of immature granulocytes in the peripheral blood of women according to pregnancy trimester Int J Clin Exp Med 2016; 9 (5): 8169-8175

Remark:


 Nebilytska O.B.

П.І.Пб. Пацієнта: Kjemali Albana

Дата народження: 13/11/2013

Штрих-код: 3004664883

Дата: 19/01/2022



Оцінка субпопуляції лімфоцитів в крові	Показник	Результат	Референтний інтервал	Одиниці вимірювання
	T-лімфоцити (CD3 +, CD19-)	81,9	Дорослі: 54 – 83 Діти: 1-2 міс.: 60 – 85 3-5 міс.: 48 – 75 6-9 міс.: 50 – 77 10-12 міс.: 54 – 76 1-2 роки: 47 – 77 3-4 роки: 50 – 76 5-10 років: 57 – 80 11-14 років: 58 – 82	%
	T-хелпери/T-індуктори (CD4 +, CD8-)	45,6	Дорослі: 26 - 58 Діти: 1-2 міс.: 41 – 68 3-5 міс.: 33 – 58 6-9 міс.: 33 – 58 10-12 міс.: 31 – 54 1-2 роки: 29 – 55 3-4 роки: 25 – 49 5-10 років: 24 – 47 11-14 років: 25 – 48	%
	T-супресори/T-цитотоксичні клітини (CD4-, CD8 +)	32,2	Дорослі: 21 - 35 Діти: 1-2 міс.: 9 – 23 3-5 міс.: 11 – 25 6-9 міс.: 13 – 26 10-12 міс.: 12 – 28 1-2 роки: 11 – 32 3-4 роки: 14 – 35 5-10 років: 19 – 47 11-14 років: 16 – 35	%
	Імунорегуляторний індекс (CD4 +, CD8-/CD4-, CD8 +)	1,4	Дорослі: 1.2 – 2.3 Діти: з 1 місяця по 14 років: 0.95 – 2.25	
	Цитотоксичні клітини (CD3 +, CD56 +)	3,6	3 - 8	%
	NK-клітини (CD3-, CD56 +)	16,4	Дорослі: 5 – 15 Діти: 1-2 міс.: 3 – 26 3-5 міс.: 2 – 14 6-9 міс.: 2 – 13 10-12 міс.: 3 – 17 1-2 роки: 3 – 16 3-4 роки: 4 – 23 5-10 років: 4 – 26 11-14 років: 5 – 27	%
	B-лімфоцити (CD3-, CD19 +)	0,2	Дорослі: 5 - 14 Діти: 1-2 міс.: 4 – 26 3-5 міс.: 14 – 39 6-9 міс.: 13 – 35 10-12 міс.: 15 – 39 1-2 роки: 17 – 41 3-4 роки: 11 – 40 5-10 років: 10 – 27 11-14 років: 4 – 27	%
	Моноцити / макрофаги (CD14)	7,6	6.0 – 13.0	%
	Загальний лейкоцитарний антиген (ЗЛА, CD45)	99,0	95.0 – 100.0	%
Функціональна активність імунних клітин/ЦІК	Фагоцитарна активність нейтрофілів НСТ-тест:			
	- Спонтанна	92	80.0 – 125.0	оптичні одиниці
	- Індукована	187	150.0 – 380.0	оптичні одиниці
	- Фагоцитарний індекс	2,0	1.5 – 3.0	
	Проліферативна активність лімфоцитів (РБТЛ) з мітогеном Кон. А	1,72	1.2 – 1.68	оптичні одиниці
	Циркулюючі імунні комплекси (ЦВК, великі)	4	До 20.0	оптичні одиниці
	Циркулюючі імунні комплекси (ЦВК, середні)	67	60.0 - 90.0	оптичні одиниці
	Циркулюючі імунні комплекси (ЦВК, дрібні)	164	130.0 - 160.0	оптичні одиниці

MDI Limbach Berlin GmbH, Aroser Allee 84, 13407 Berlin

Labor Dr. Limbach LLC

ul. Dobrovolchyh Batalyonov 17
01015 Kiew

Laborbefund **47032869**

Eingang / Ausgang 25 Jan 2022 / 26 Jan 2022 16:50

Patient **KJEMALI, ALBANA**
Patienten-Code 47032869
geboren 13.11.2013
Geschlecht weiblich

Sehr geehrte(r) Kollege(n),
vielen Dank für Ihre Einsendung. Hiermit teilen wir Ihnen folgenden Befund mit:

Untersuchung	Ergebnis	Einheit	Ref.Bereich	?
Vitamin B1 (Thiamin)	↑ 162	µg/l	28 - 85	
bestimmt als Thiaminpyrophosphat				
Pyruvat (Brenztraubensäure)	↓ 1,1	mg/l	3,6 - 5,9	
Laktat i.Pl.	↑ 338	mg/l	45 - 198	
Bitte beachten Sie den geänderten Referenzbereich.				
Lactat / Pyruvat Quotient	↑ 307		10 - 20	
Quotient >20 spricht für Defekt der Atmungskette.				

Auskunft: (030) 44 33 64 0 Fax: (030) 44 33 64 10

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High attention zone

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General Clinic

Urine analysis with microscopic assessment of sediment

Methods/Laboratory equipment:

Urine analysis using the technology of Fluorescent Flow Cytometry on a fully automated modular system UN-series Sysmex (Japan), which consists of: UC-3500/1000: Automatic analyzer of physico-chemical properties of urine; UF-5000/4000: Automatic urine sediment analyzer; UD-10: Automatic urine sediment microscopy analyzer

Physico-chemical properties: Color	straw		light yellow or yellow
Physico-chemical properties: Transparency	clear		clear
Physico-chemical properties: Relative density	1.011	g/mL	1.002 - 1.030
Physico-chemical properties: pH	7.5		5.0 - 7.0
Physico-chemical properties: Protein	< 0.15	g/L	<0.15
Physico-chemical properties: Glucose	< 2.8	mmol/L	<2.8
Physico-chemical properties: Ketones	< 0.93	mmol/L	<0.93
Physico-chemical properties: Bilirubin	< 8.6	μmol/L	<8.6
Physico-chemical properties: Urobilinogen	< 34	μmol/L	<34.0
Physico-chemical properties: Nitrites	not detected		not detected
Physico-chemical properties: Erythrocytes	< 10	cell/μL	<10.0
Physico-chemical properties: Hemoglobin	< 0.03	mg/dL	<0.03
Physico-chemical properties: Leukocytes	< 25	cell/μL	<25.0
Urine sediment microscopy: Erythrocytes	55.8	/μL	<23.0
Urine sediment microscopy: Non-lysed erythrocytes	55.4	/μL	<23.0
Urine sediment microscopy: Leukocytes	0.4	/μL	<25.0
Urine sediment microscopy: Leukocytes (clots)	0	/μL	<23.0
Urine sediment microscopy: Epithelium (total)	1	/μL	<31.0
Urine sediment microscopy: Squamous epithelium	1	/μL	<31.0
Urine sediment microscopy: Non-squamous epithelium	0	/μL	<1.0
Urine sediment microscopy: Transitional epithelium	0	/μL	<1.0
Urine sediment microscopy: Renal epithelium	0	/μL	<1.0

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Urine analysis with microscopic assessment of sediment			
Urine sediment microscopy: Cylinders (total)	0	/μL	<1.0
Urine sediment microscopy: Cylinders (hyaline)	0	/μL	<1.0
Urine sediment microscopy: Cylinders (epithelial)	0	/μL	<1.0
Urine sediment microscopy: Cylinders (granular)	0	/μL	<1.0
Urine sediment microscopy: Cylinders (waxy)	0	/μL	<1.0
Urine sediment microscopy: Cylinders (erythrocyte)	0	/μL	<1.0
Urine sediment microscopy: Cylinders (leukocyte)	0	/μL	<1.0
Urine sediment microscopy: Crystals (total)	289	/μL	<10.0
Urine sediment microscopy: Crystals (calcium oxalate)	289	/μL	<1.0
Urine sediment microscopy: Crystals (triple phosphates)	0	/μL	<1.0
Urine sediment microscopy: Crystals (uric acid)	0	/μL	<1.0
Urine sediment microscopy: Crystals (phosphate of lime)	0	/μL	<1.0
Urine sediment microscopy: Crystals (ammonium biurate)	0	/μL	<1.0
Urine sediment microscopy: Crystals (bilirubin)	0	/μL	<1.0
Urine sediment microscopy: Crystals (calcium carbonate)	0	/μL	<1.0
Urine sediment microscopy: Crystals (calcium phosphate)	0	/μL	<1.0
Urine sediment microscopy: Amorphous phosphates	0	/μL	<1.0
Urine sediment microscopy: Amorphous urates	0	/μL	<1.0
Urine sediment microscopy: Mucus	0	/μL	<1.0
Urine sediment microscopy: Bacteria	11.1	/μL	<1200.0 (sensitivity is 5 microbial cells in μl)
Urine sediment microscopy: Bacteria (differentiation)	unclassified		not detected
Urine sediment microscopy: Yeast-like fungi	0	/μL	<1.0

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Urine analysis with microscopic assessment of sediment			
Urine sediment microscopy: Trichomonas	0	HPF	0.0
Urine sediment microscopy: Sperm	0	/μL	<50.0 (in men over 18 years)
Urine sediment microscopy: Atypical cells	0	/μL	0.0

Remark: да

Сметан Марія Вікторівна

Handwritten signature

MDI Limbach Berlin GmbH, Aroser Allee 84, 13407 Berlin

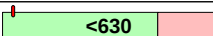
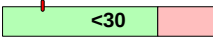
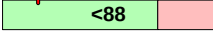
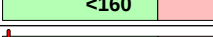
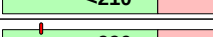
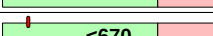
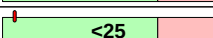
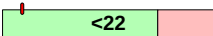
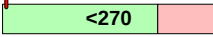
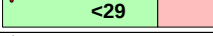
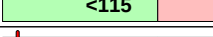
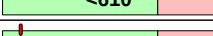
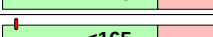
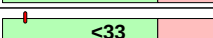
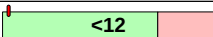
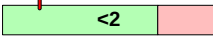
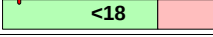
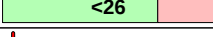
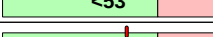
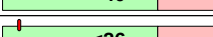
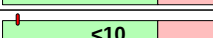
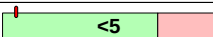
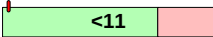
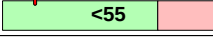
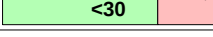
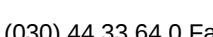
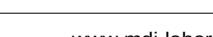
Labor Dr. Limbach LLC

ul. Dobrovolchyh Batalyonov 17
01015 Kiew**Laborbefund 47032997**

Eingang / Ausgang 27 Jan 2022 / 31 Jan 2022 09:49

Patient **KJEMALI, ALBANA**
Patienten-Code 47032997
geboren 13.11.2013
Geschlecht weiblich

Sehr geehrte(r) Kollege(n),
vielen Dank für Ihre Einsendung. Hiermit teilen wir Ihnen folgenden Befund mit:

Untersuchung	Ergebnis	Einheit	Ref.Bereich	?
Aminosäure-Screening i. U.	Das Profil der Aminosäuren ergab keinen Hinweis auf das Vorliegen einer angeborenen Stoffwechselerkrankung.			
Alanin i. U.	48	mg/g Krea		
Arginin i. U.	8	mg/g Krea		
Asparagin i. U.	21	mg/g Krea		
Asparaginsäure i. U.	1	mg/g Krea		
Glutamin i. U.	90	mg/g Krea		
Glutaminsäure i. U.	9	mg/g Krea		
Glycin i. U.	252	mg/g Krea		
Histidin i. U.	119	mg/g Krea		
Isoleucin i. U.	2	mg/g Krea		
Leucin i. U.	3	mg/g Krea		
Lysin i. U.	5	mg/g Krea		
Methionin i. U.	2	mg/g Krea		
Phenylalanin i. U.	9	mg/g Krea		
Serin i. U.	62	mg/g Krea		
Threonin i. U.	22	mg/g Krea		
Tyrosin i. U.	16	mg/g Krea		
Valin i.U.	5	mg/g Krea		
β-Alanin i. U.	<1	mg/g Krea		
α-Aminobuttersäure i. U.	<1	mg/g Krea		
α-Aminoadipinsäure i. U.	2	mg/g Krea		
γ-Aminobuttersäure i. U.	<1	mg/g Krea		
β-Aminoisobuttersäure i. U.	4	mg/g Krea		
Carnosin i. U.	32	mg/g Krea		
Citrullin i. U.	3	mg/g Krea		
Homocitrullin i. U.	1	mg/g Krea		
Homocystin i. U.	<1	mg/g Krea		
Cystathionin i. U.	<1	mg/g Krea		
Cystin i. U.	12	mg/g Krea		
Ethanolamin i. U.	 38	mg/g Krea		

Auskunft: (030) 44 33 64 0 Fax: (030) 44 33 64 10

MDI Limbach Berlin GmbH, Aroser Allee 84, 13407 Berlin

Labor Dr. Limbach LLC

ul. Dobrovolchyh Batalyonov 17
01015 Kiew

Laborbefund

47032997

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Patient

KJEMALI, ALBANA

Patienten-Code

47032997

geboren

13.11.2013

Geschlecht

weiblich

Untersuchung	Ergebnis	Einheit	Ref.Bereich	?
1-Methylhistidin i. U.	4	mg/g Krea	<170	
3-Methylhistidin i. U.	30	mg/g Krea	<90	
Hydroxylysin i. U.	2	mg/g Krea	<15	
Ornithin i. U.	3	mg/g Krea	<16	
Phosphoethanolamin i. U.	8	mg/g Krea	<17	
Prolin i. U.	7	mg/g Krea	<30	
Hydroxyprolin i. U.	<1	mg/g Krea	<4	
Taurin i.U.	17	mg/g Krea	<180	
Tryptophan i. U.	13	mg/g Krea	<26	
Sarcosin i. U.	<1	mg/g Krea	<12	
Phosphoserin i. U.	<1	mg/g Krea	<2	

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Patient Kjemali A

Date 20.01.22

Phagocytic activity of neutrophils

	Blood tests results	(Normal range)
Neutrophil myeloperoxidase activity	17,7	(18-23 c.u.)

Research № 19012022-05

Patient Kjemali A

	Material for research	Test result
Virus TT (TTV)	Venous blood	+

Conclusion: in a sample of blood detected
DNA TT-virus ~ 10 000 v.p./ml

Результати лабораторних досліджень не є достатньою основою для встановлення діагнозу.
Інтерпретація результатів та встановлення діагнозу здійснюється лише фахівцем- лікарем.

Дата отримання зразка для дослідження ____19/01/2022