

SYNLAB LTD, Ukraina
52, Petropavlovskaya St.
04086 Kiev

Thank you for your request. We are reporting the following results:

Barcode: 83 0319 0184	Ext.-ID: BA03850117	ID.-Nr.: FA 0393 2688	Page: 1 / 2
Patient: KUZMENKO, DMYTRO	Withdrawal: 23.09.2020	Synlab MVZ	
Born: 07.11.2002	Ent. date: 23.09.2020 10:10	Leinfelden GmbH	
Gender: M	Exit date: 07.10.2020 21:01	Nikolaus-Otto-Str. 6	
Clinical remarks:	final report	70771 L.- Echterdingen	
Material: 1x urine		Phone +49 711-9033-0	

Test:	Result	Unit	Ant. result	Reference range	Meth.
Urine vol. 24h.	1000	ml/24h		400 - 2500	
Due to the unknown 24 h urine collection volume, we calculated with 1000 mL.					
creatinine (urine)	▲ 2.59	g/l		0.72 - 1.51	PHO ¹
Aminoacids in urine:					
Phosphoserine	5.41	mmol/mol crea		0.0 - 29.0	HPLC ¹
Taurine	24.1	mmol/mol crea		16.0 - 80.0	HPLC ¹
Phosphoethanolamine	▲ 5.76	mmol/mol crea		0.0 - 3.0	HPLC ¹
Aspartic acid	▼ 1.13	mmol/mol crea		2.0 - 7.0	HPLC ¹
Hydroxyproline	<1.00	mmol/mol crea		0.0 - 13.0	HPLC ¹
Threonine	11.00	mmol/mol crea		7.0 - 29.0	HPLC ¹
Serine	38.2	mmol/mol crea		21.0 - 50.0	HPLC ¹
Asparagine	13.60	mmol/mol crea		0.0 - 23.0	HPLC ¹
Glutamic acid	1.92	mmol/mol crea		0.0 - 12.0	HPLC ¹
Glutamine	54.0	mmol/mol crea		20.0 - 76.0	HPLC ¹
A-Aminoadipin. acid	1.68	mmol/mol crea		0.0 - 8.0	HPLC ¹
Proline	<1.00	mmol/mol crea		0.0 - 9.0	HPLC ¹
Glycine	135.0	mmol/mol crea		43 - 173	HPLC ¹
Alanine	36.5	mmol/mol crea		16.0 - 68.0	HPLC ¹
Citrulline	<1.00	mmol/mol crea		0.0 - 4.0	HPLC ¹
A-Aminobutyr. acid	2	mmol/mol crea		0.0 - 4.0	HPLC ¹
Valine	4.54	mmol/mol crea		3.0 - 13.0	HPLC ¹
Cystine (U)	188	μmol/l		< 1250 (pH 7.5)	HPLC ¹
Cystine (U)/24h	0.188	mmol/24h		> 0.80 cystinuria	CALC
Cystine	8.20	mmol/mol crea		3.0 - 17.0	CALC ¹
Cystathionine	▲ 1.33	mmol/mol crea		0.0 - 1.0	HPLC ¹
Methionine	▼ <1.00	mmol/mol crea		2.0 - 16.0	HPLC ¹
Isoleucine	1.72	mmol/mol crea		0.0 - 4.0	HPLC ¹
Leucine	6.68	mmol/mol crea		2.0 - 11.0	HPLC ¹
Tyrosine	22.20	mmol/mol crea		2.0 - 23.0	HPLC ¹
Phenylalanine	12.90	mmol/mol crea		2.0 - 19.0	HPLC ¹
Homocystine	3.18	mmol/mol crea		0.0 - 5.0	HPLC ¹
beta-Alanine	<1.0	mmol/mol crea		0.0 - 4.0	HPLC ¹
B-Aminoisobutyr. acid	6.5	mmol/mol crea		0.0 - 91.0	HPLC ¹
G- Aminobutyr. acid /g Krea.	<1.00	mmol/mol crea		< 1.0	HPLC ¹

1 Synlab lab performance / 2 External performance / 3 non accredited

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Test:	Result	Unit	Ant. result	Reference range	Meth.
Histidine	▲ 180.0	mmol/mol crea		26.0 - 153	HPLC 1
3-Methylhistidine	18.7	mmol/mol crea		18.0 - 47.0	HPLC 1
1-Methylhistidine	16.3	mmol/mol crea		0.0 - 40.0	HPLC 1
Tryptophane	▲ 8.33	mmol/mol crea		0.0 - 7.0	HPLC 1
Carnosine	<1.0	mmol/mol crea		0.0 - 10.0	HPLC 1
Ornithine	<1.00	mmol/mol crea		0.0 - 5.0	HPLC 1
Lysine	21.1	mmol/mol crea		7.0 - 58.0	HPLC 1
Arginine	<1.00	mmol/mol crea		0.0 - 5.0	HPLC 1
Evaluation:	Unobstrusive excretion of amino-acids.				