

CERTIFICATE OF PARTICIPATION

Survey of 10 May 2024

You have participated in the External Quality Assessment with the following analysis

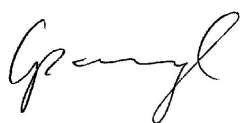
Urine Chemistry 03 (Biogene Amines) (175):

Metanephrine
Vanillylmandelic Acid

(R) analysis is subject to the RiliBÄK

Customer:
10032840
Zaklad Diagnostyki Laboratoryjnej
Szpital Uniwersytecki nr 2
im. dr. J. Biziela w Bydgoszczy
ul. Ujejskiego 75
85-168 Bydgoszcz

Düsseldorf, 03 June 2024



Prof. Dr. med. Michael Spannagl
(Head of Reference Institution)



Dr. rer. nat. Heike Schneider
(Adviser)



Listing and evaluation of the results

10032840: Zakład Diagnostyki Laboratoryjnej
Szpital Uniwersytecki nr 2
im. dr. J. Biziela w Bydgoszczy

Survey of 10 May 2024

Adviser:

Dr. rer. nat Heike Schneider

Institut für Klinische Chemie und Pathobiochemie
Klinikum rechts der Isar
Ismaninger Straße 22
81675 München

Tel.: +49 89 4140 5252

Fax: +49 89 4140 4875

Mail: heike.schneider@instand-ringversuch.de

175

Urine Chemistry 03 (Biogene Amines)

Analyte	Sam- ple	Unit	Your value	Target value	TV- Type	Lower limit	Upper limit	Deviation	Z-Score	Meets criteria	
Metanephrine	31	µmol/l	3.00	1.57	ET	0.725	2.28	91.1%	10,4	-	
	32		9.60	12.3	SV	6.77	17.8	-22.0%	-2,01	+	
Vanillylmandelic Acid	31	µmol/l	18.2	10.4	SV	5.72	15.1	74.7%	4,76	-	
	32		50.0	48.7	SV	26.8	70.6	2.6%	0,248	+	

Analyte	Sam- ple	Your unit	Stated value	Conversion factor	Method	Manu- facturer	Device	Detection limit	dilution
Metanephrine	31	µmol/l	3.00	1.00	166	ZY			
	32		9.60	1.00					
Vanillylmandelic Acid	31	mg/l	3.60	5.05	166	ZY			
	32		9.90	5.05					

Additional information on the evaluation is available for download in the RV-Online system in the column "Report".

Individual summary of results

10032840: Zakład Diagnostyki Laboratoryjnej
Szpital Uniwersytecki nr 2
im. dr. J. Biziela w Bydgoszczy

Survey of 10 May 2024

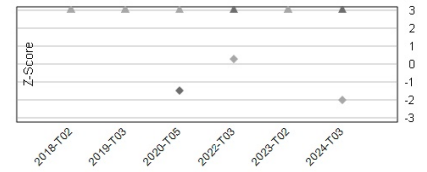
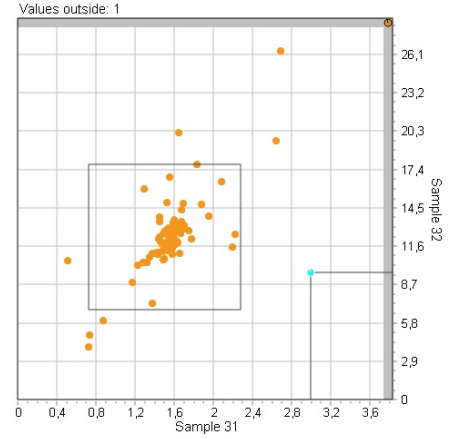
175

Urine Chemistry 03 (Biogene Amines)

Metanephrine ($\mu\text{mol/l}$, N = 97)

Collective	Sample	Target value	Target range	Participants collective			Rate (%)	
				AVG	CV	Num.	Sam.	total
other methods	31	1.57	0.725 - 2.28	1.57	8.73	97	94.8	90.7
	32	12.3	6.77 - 17.8	12.3	10.9	97	92.8	

Rate of success: 90,7%



Vanillylmandelic Acid ($\mu\text{mol/l}$, N = 97)

Collective	Sample	Target value	Target range	Participants collective			Rate (%)	
				AVG	CV	Num.	Sam.	total
all methods	31	10.4	5.72 - 15.1	10.4	15.7	97	89.7	86.6
	32	48.7	26.8 - 70.6	48.7	10.4	97	92.8	

Rate of success: 86,6%

