Analysis Report

Bruker IVDr Quantification in URine B.I.Quant-UR b™

Sample ID: PipelineTest_Urine_300K_RFT_290118_expno900.10000

Measuring Date: 30-Jan-2018 15:10:07
Reporting Date: 16-Feb-2018 20:40:58, 4 page(s), Version 1.0.0
Quantification Method Version: Quant-UR B.1.0.0

Disclaimer

RESEARCH USE ONLY: This is no clinical diagnostic analysis report. Must not be used for clinical (medical or IVD) diagnosis or for patient management! Additional concentration range information (95% range) provided numerically or graphically in this report must not be used for clinical diagnostic interpretation.

Contents

Geschäftsführer: Dr. Falko Busse | Patrick Minhorst

Silberstreifen 4
76287 Rheinstetten, Germany
Tel. +49(0)721 5161-0
Fax. +49(0)721 517101
nmr@bruker-biospin.com
www.bruker-biospin.com

Deutsche Bank AG Karlsruhe
Konto 13 15 16 · BLZ 660 700 04
IBAN: DE87 6607 0004 0013 1516 00
SWIFT-BIC: DEUTDESM660

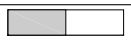
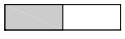
USt-Ident.-Nr DE 143 239 759
WEEE-Reg.-Nr. DE 43 181 702
Steuer-Nr. 31190/39205
Handelsregister Mannheim HRB 10 23 68
Sitz der Gesellschaft: 76287 Rheinstetten

1 Creatinine

Compound	Conc. mmol/L	LOD mmol/L	95% Range mmol/L	Graphics (*)
Creatinine	6.1	0.3	1 - 19	

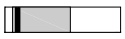
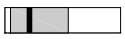
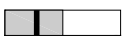
(*) Gray horizontal boxes represent 95% concentration range, black vertical lines represent sample value.

2 Amines and derivatives

Compound	Conc. mmol/L	Conc. mmol/mol Crea	LOD mmol/mol Crea	95% Range mmol/mol Crea	Graphics (*)
Dimethylamine	< 0.19	< 31	31	≤ 54	
Trimethylamine	< 0.01	< 2	2	≤ 3	

(*) Gray horizontal boxes represent 95% concentration range, black vertical lines represent sample value.

3 Amino acids and derivatives

Compound	Conc. mmol/L	Conc. mmol/mol Crea	LOD mmol/mol Crea	95% Range mmol/mol Crea	Graphics (*)
1-Methylhistidine	< 0.09	< 15	15	≤ 15	
2-Furoylglycine	< 0.24	< 39	39	≤ 40	
4-Aminobutyric acid	< 0.12	< 20	20	≤ 20	
Alanine	0.18	30	10	11 - 72	
Arginine	< 4.6	< 750	750	≤ 750	
Betaine	0.09	15	7	9 - 78	
Creatine	< 0.31	< 50	50	≤ 280	
Glycine	1.00	170	34	38 - 440	
Guanidinoacetic acid	< 0.63	< 100	100	≤ 140	
Methionine	< 0.11	< 18	18	≤ 18	
N,N-Dimethylglycine	0.04	7	5	≤ 15	
Sarcosine	< 0.01	< 2	2	≤ 7	
Taurine	< 0.88	< 140	140	≤ 170	
Valine	0.02	4	2	≤ 7	

(*) Gray horizontal boxes represent 95% concentration range, black vertical lines represent sample value.

4 Benzene and substituted derivatives

Compound	Conc. mmol/L	Conc. mmol/mol Crea	LOD mmol/mol Crea	95% Range mmol/mol Crea	Graphics (*)
Benzoic acid	< 0.06	< 10	10	≤ 10	
D-Mandelic acid	< 0.01	< 2	2	2 - 17	
Hippuric acid	1.1	180	170	≤ 660	

(*) Gray horizontal boxes represent 95% concentration range, black vertical lines represent sample value.

5 Carboxylic acids

Compound	Conc. mmol/L	Conc. mmol/mol Crea	LOD mmol/mol Crea	95% Range mmol/mol Crea	Graphics (*)
Acetic acid	0.07	12	5	≤ 51	
Citric acid	2.1	330	40	≤ 700	
Formic acid	0.10	17	10	≤ 43	
Fumaric acid	< 0.01	< 2	2	≤ 3	
Imidazole	< 0.29	< 48	48	≤ 48	
Lactic acid	< 0.30	< 49	49	≤ 110	
Proline betaine	0.48	79	25	≤ 280	
Succinic acid	0.12	20	5	≤ 39	
Tartaric acid	0.04	7	5	≤ 110	
Trigonelline	< 0.21	< 35	35	≤ 67	

(*) Gray horizontal boxes represent 95% concentration range, black vertical lines represent sample value.

6 Fatty acids and derivatives

Compound	Conc. mmol/L	Conc. mmol/mol Crea	LOD mmol/mol Crea	95% Range mmol/mol Crea	Graphics (*)
2-Methylsuccinic acid	< 0.29	< 48	48	≤ 48	

(*) Gray horizontal boxes represent 95% concentration range, black vertical lines represent sample value.

7 Keto acids and derivatives

Compound	Conc. mmol/L	Conc. mmol/mol Crea	LOD mmol/mol Crea	95% Range mmol/mol Crea	Graphics (*)
2-Oxoglutaric acid	< 0.57	< 92	92	≤ 92	
3-Hydroxybutyric acid	< 0.63	< 100	100	≤ 100	
Acetoacetic acid	0.09	15	14	≤ 30	
Acetone	0.01	2	2	≤ 7	
Oxaloacetic acid	< 0.11	< 17	17	≤ 66	
Pyruvic acid	< 0.06	< 9	9	≤ 13	

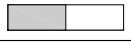
(*) Gray horizontal boxes represent 95% concentration range, black vertical lines represent sample value.

8 Purine,Pyridine and Pyrimidine derivatives

Compound	Conc. mmol/L	Conc. mmol/mol Crea	LOD mmol/mol Crea	95% Range mmol/mol Crea	Graphics (*)
1-Methyladenosine	< 0.03	< 5	5	≤ 5	
1-Methylnicotinamide	< 0.19	< 32	32	≤ 32	
Adenosine	< 2.4	< 390	390	≤ 390	
Allantoin	< 0.10	< 17	17	≤ 47	
Allopurinol	< 0.06	< 10	10	≤ 11	
Caffeine	< 0.28	< 45	45	≤ 61	
Inosine	< 0.12	< 19	19	≤ 19	

(*) Gray horizontal boxes represent 95% concentration range, black vertical lines represent sample value.

9 Sugars and derivatives

Compound	Conc. mmol/L	Conc. mmol/mol Crea	LOD mmol/mol Crea	95% Range mmol/mol Crea	Graphics (*)
D-Galactose	< 0.27	< 43	43	≤ 44	
D-Glucose	< 0.21	< 34	34	≤ 140	
D-Lactose	< 0.59	< 96	96	≤ 96	
D-Mannitol	< 1.1	< 180	180	≤ 180	
D-Mannose	< 0.04	< 6	6	≤ 8	
Myo-Inositol	< 27	< 4400	4400	≤ 4400	

(*) Gray horizontal boxes represent 95% concentration range, black vertical lines represent sample value.