

● Analysis Report

Bruker IVDr Quantification in URine B.I.Quant-UR bTM

Sample ID: PipelineTest_Urine_300K_RFT_290118_expno190.10000

Measuring Date: 29-Jan-2018 20:05:47

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Quantification Method Version: Quant-UR B.1.0.0


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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

| | | |
|---|--|---|
| 1 | Creatinine | 2 |
| 2 | Amines and derivatives | 2 |
| 3 | Amino acids and derivatives | 2 |
| 4 | Benzene and substituted derivatives | 3 |
| 5 | Carboxylic acids | 3 |
| 6 | Fatty acids and derivatives | 3 |
| 7 | Keto acids and derivatives | 4 |
| 8 | Purine,Pyridine and Pyrimidine derivatives | 4 |
| 9 | Sugars and derivatives | 4 |

1 Creatinine

| Compound | Conc. mmol/L | LOD mmol/L | 95% Range mmol/L | Graphics (*) |
|------------|-----------------|---------------|---------------------|---|
| Creatinine | 5.9 | 0.3 | 1 - 19 |  |

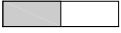



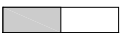









(*) Gray horizontal boxes represent 95% concentration range, black vertical lines represent sample value.

2 Amines and derivatives

| Compound | Conc. mmol/L | Conc. mmol/mol Crea | LOD mmol/mol Crea | 95% Range mmol/mol Crea | Graphics (*) |
|----------------|-----------------|------------------------|----------------------|----------------------------|---|
| Dimethylamine | < 0.18 | < 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 | < 0.23 | < 39 | 39 | ≤ 40 |  |
| 4-Aminobutyric acid | < 0.12 | < 20 | 20 | ≤ 20 |  |
| Alanine | 0.15 | 25 | 10 | 11 - 72 |  |
| Arginine | < 4.4 | < 750 | 750 | ≤ 750 |  |
| Betaine | 0.06 | 10 | 7 | 9 - 78 |  |
| Creatine | < 0.30 | < 50 | 50 | ≤ 280 |  |
| Glycine | 0.64 | 110 | 34 | 38 - 440 |  |
| Guanidinoacetic acid | < 0.61 | < 100 | 100 | ≤ 140 |  |
| Methionine | < 0.11 | < 18 | 18 | ≤ 18 |  |
| N,N-Dimethylglycine | < 0.03 | < 5 | 5 | ≤ 15 |  |
| Sarcosine | < 0.01 | < 2 | 2 | ≤ 7 |  |
| Taurine | 3.0 | 500 | 140 | ≤ 170 |  |
| Valine | 0.02 | 4 | 2 | ≤ 7 |  |











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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 | < 1.00 | < 170 | 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 | 0.06 | 9 | 5 | ≤ 51 |  |
| Citric acid | 1.3 | 210 | 40 | ≤ 700 |  |
| Formic acid | 0.10 | 17 | 10 | ≤ 43 |  |
| Fumaric acid | < 0.01 | < 2 | 2 | ≤ 3 |  |
| Imidazole | < 0.28 | < 48 | 48 | ≤ 48 |  |
| Lactic acid | < 0.29 | < 49 | 49 | ≤ 110 |  |
| Proline betaine | < 0.15 | < 25 | 25 | ≤ 280 |  |
| Succinic acid | 0.07 | 11 | 5 | ≤ 39 |  |
| Tartaric acid | 0.14 | 24 | 5 | ≤ 110 |  |
| Trigonelline | < 0.21 | < 35 | 35 | ≤ 67 |  |






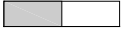
(*) Gray horizontal boxes represent 95% concentration range, black vertical lines represent sample value.

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 | < 0.28 | < 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 | < 0.55 | < 92 | 92 | ≤ 92 |  |
| 3-Hydroxybutyric acid | < 0.61 | < 100 | 100 | ≤ 100 |  |
| Acetoacetic acid | < 0.09 | < 14 | 14 | ≤ 30 |  |
| Acetone | 0.01 | 3 | 2 | ≤ 7 |  |
| Oxaloacetic acid | < 0.10 | < 17 | 17 | ≤ 66 |  |
| Pyruvic acid | < 0.05 | < 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 | < 2.3 | < 390 | 390 | ≤ 390 |  |
| Allantoin | < 0.10 | < 17 | 17 | ≤ 47 |  |
| Allopurinol | < 0.06 | < 10 | 10 | ≤ 11 |  |
| Caffeine | < 0.27 | < 45 | 45 | ≤ 61 |  |
| Inosine | < 0.11 | < 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 | < 0.26 | < 43 | 43 | ≤ 44 |  |
| D-Glucose | < 0.20 | < 34 | 34 | ≤ 140 |  |
| D-Lactose | < 0.57 | < 96 | 96 | ≤ 96 |  |
| D-Mannitol | < 1.1 | < 180 | 180 | ≤ 180 |  |
| D-Mannose | < 0.04 | < 6 | 6 | ≤ 8 |  |
| Myo-Inositol | < 26 | < 4400 | 4400 | ≤ 4400 |  |

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