

# ● Analysis Report

## Bruker IVDr Quantification in URine B.I.Quant-UR b<sup>TM</sup>

Sample ID: PipelineTest\_Urine\_300K\_RFT\_290118\_expno50.100000

Measuring Date: 29-Jan-2018 16:17:13

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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.

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## 1 Creatinine

| Compound   | Conc.<br>mmol/L | LOD<br>mmol/L | 95% Range<br>mmol/L | Graphics (*)  |
|------------|-----------------|---------------|---------------------|---|
| Creatinine | 5.8             | 0.3           | 1 - 19              |  |

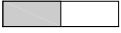



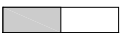









(\*) Gray horizontal boxes represent 95% concentration range, black vertical lines represent sample value.

## 2 Amines and derivatives

| Compound       | Conc.<br>mmol/L | Conc.<br>mmol/mol Crea | LOD<br>mmol/mol Crea | 95% Range<br>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.<br>mmol/L | Conc.<br>mmol/mol Crea | LOD<br>mmol/mol Crea | 95% Range<br>mmol/mol Crea | Graphics (*)  |
|----------------------|-----------------|------------------------|----------------------|----------------------------|---|
| 1-Methylhistidine    | < 0.09          | < 15                   | 15                   | ≤ 15                       |  |
| 2-Furoylglycine      | < 0.22          | < 39                   | 39                   | ≤ 40                       |  |
| 4-Aminobutyric acid  | < 0.11          | < 20                   | 20                   | ≤ 20                       |  |
| Alanine              | 0.14            | 25                     | 10                   | 11 - 72                    |  |
| Arginine             | < 4.3           | < 750                  | 750                  | ≤ 750                      |  |
| Betaine              | 0.05            | 9                      | 7                    | 9 - 78                     |  |
| Creatine             | < 0.29          | < 50                   | 50                   | ≤ 280                      |  |
| Glycine              | 0.62            | 110                    | 34                   | 38 - 440                   |  |
| Guanidinoacetic acid | < 0.60          | < 100                  | 100                  | ≤ 140                      |  |
| Methionine           | < 0.10          | < 18                   | 18                   | ≤ 18                       |  |
| N,N-Dimethylglycine  | 0.04            | 6                      | 5                    | ≤ 15                       |  |
| Sarcosine            | < 0.01          | < 2                    | 2                    | ≤ 7                        |  |
| Taurine              | 2.9             | 500                    | 140                  | ≤ 170                      |  |
| Valine               | 0.02            | 4                      | 2                    | ≤ 7                        |  |











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## 4 Benzene and substituted derivatives

| Compound        | Conc.<br>mmol/L | Conc.<br>mmol/mol Crea | LOD<br>mmol/mol Crea | 95% Range<br>mmol/mol Crea | Graphics (*)  |
|-----------------|-----------------|------------------------|----------------------|----------------------------|---|
| Benzoic acid    | < 0.06          | < 10                   | 10                   | ≤ 10                       |  |
| D-Mandelic acid | < 0.01          | < 2                    | 2                    | 2 - 17                     |  |
| Hippuric acid   | < 0.98          | < 170                  | 170                  | ≤ 660                      |  |

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## 5 Carboxylic acids

| Compound        | Conc.<br>mmol/L | Conc.<br>mmol/mol Crea | LOD<br>mmol/mol Crea | 95% Range<br>mmol/mol Crea | Graphics (*)  |
|-----------------|-----------------|------------------------|----------------------|----------------------------|---|
| Acetic acid     | 0.05            | 9                      | 5                    | ≤ 51                       |    |
| Citric acid     | 1.2             | 210                    | 40                   | ≤ 700                      |  |
| Formic acid     | 0.09            | 16                     | 10                   | ≤ 43                       |  |
| Fumaric acid    | < 0.01          | < 2                    | 2                    | ≤ 3                        |  |
| Imidazole       | < 0.28          | < 48                   | 48                   | ≤ 48                       |  |
| Lactic acid     | < 0.28          | < 49                   | 49                   | ≤ 110                      |  |
| Proline betaine | < 0.15          | < 25                   | 25                   | ≤ 280                      |  |
| Succinic acid   | 0.06            | 10                     | 5                    | ≤ 39                       |  |
| Tartaric acid   | 0.14            | 24                     | 5                    | ≤ 110                      |  |
| Trigonelline    | < 0.20          | < 35                   | 35                   | ≤ 67                       |  |







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## 6 Fatty acids and derivatives

| Compound              | Conc.<br>mmol/L | Conc.<br>mmol/mol Crea | LOD<br>mmol/mol Crea | 95% Range<br>mmol/mol Crea | Graphics (*)  |
|-----------------------|-----------------|------------------------|----------------------|----------------------------|---|
| 2-Methylsuccinic acid | < 0.28          | < 48                   | 48                   | ≤ 48                       |  |








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## 7 Keto acids and derivatives

| Compound              | Conc.<br>mmol/L | Conc.<br>mmol/mol Crea | LOD<br>mmol/mol Crea | 95% Range<br>mmol/mol Crea | Graphics (*)  |
|-----------------------|-----------------|------------------------|----------------------|----------------------------|---|
| 2-Oxoglutaric acid    | < 0.53          | < 92                   | 92                   | ≤ 92                       |  |
| 3-Hydroxybutyric acid | < 0.60          | < 100                  | 100                  | ≤ 100                      |  |
| Acetoacetic acid      | < 0.08          | < 14                   | 14                   | ≤ 30                       |  |
| Acetone               | 0.01            | 3                      | 2                    | ≤ 7                        |  |
| Oxaloacetic acid      | < 0.10          | < 17                   | 17                   | ≤ 66                       |  |
| Pyruvic acid          | < 0.05          | < 9                    | 9                    | ≤ 13                       |  |







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## 8 Purine,Pyridine and Pyrimidine derivatives

| Compound             | Conc.<br>mmol/L | Conc.<br>mmol/mol Crea | LOD<br>mmol/mol Crea | 95% Range<br>mmol/mol Crea | Graphics (*)  |
|----------------------|-----------------|------------------------|----------------------|----------------------------|---|
| 1-Methyladenosine    | < 0.03          | < 5                    | 5                    | ≤ 5                        |  |
| 1-Methylnicotinamide | < 0.18          | < 32                   | 32                   | ≤ 32                       |  |
| Adenosine            | < 2.2           | < 390                  | 390                  | ≤ 390                      |  |
| Allantoin            | < 0.10          | < 17                   | 17                   | ≤ 47                       |  |
| Allopurinol          | < 0.06          | < 10                   | 10                   | ≤ 11                       |  |
| Caffeine             | < 0.26          | < 45                   | 45                   | ≤ 61                       |  |
| Inosine              | < 0.11          | < 19                   | 19                   | ≤ 19                       |  |

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## 9 Sugars and derivatives

| Compound     | Conc.<br>mmol/L | Conc.<br>mmol/mol Crea | LOD<br>mmol/mol Crea | 95% Range<br>mmol/mol Crea | Graphics (*)  |
|--------------|-----------------|------------------------|----------------------|----------------------------|---|
| D-Galactose  | < 0.25          | < 43                   | 43                   | ≤ 44                       |  |
| D-Glucose    | < 0.20          | < 34                   | 34                   | ≤ 140                      |  |
| D-Lactose    | < 0.55          | < 96                   | 96                   | ≤ 96                       |  |
| D-Mannitol   | < 1.1           | < 180                  | 180                  | ≤ 180                      |  |
| D-Mannose    | < 0.03          | < 6                    | 6                    | ≤ 8                        |  |
| Myo-Inositol | < 26            | < 4400                 | 4400                 | ≤ 4400                     |  |

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