

Assay Performance Data

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------|--|-------------------|-----------|-------------------|----------------|-------------------|-----------|---|----|-----|------------|-----|------|------|---------------|---|----|-----|-------------|-----|------|------|
| Naam assay | | Kleine organische zuren profiel urine (oxaal-, glycol-, glycerine- en citroenzuur) | | | | | | | | | | | | | | | | | | | | | |
| Traceerbaarheid | | | | | | | | | | | | | | | | | | | | | | | |
| Gekalibreerd naar | | Eigen standaard | | | | | | | | | | | | | | | | | | | | | |
| Referentie-interval of afkapgrenzen | | | | | | | | | | | | | | | | | | | | | | | |
| Herkomst referentiewaarden | | Zie bijgevoegde tabel. Bron: eigen onderzoek donoren Transplantlines (volwassenen) 2019 en eigen onderzoek kinderen 2016. | | | | | | | | | | | | | | | | | | | | | |
| Stabiliteit monster | | | | | | | | | | | | | | | | | | | | | | | |
| | | Indien voorbehandeld volgens voorschrift (aantal dagen): <table><tr><td>Component</td><td>Kamer-temperatuur</td><td>Gekoeld (4 °C)</td><td>Gevroren (-20 °C)</td></tr><tr><td>Oxaalzuur</td><td>4</td><td>12</td><td>123</td></tr><tr><td>Glycolzuur</td><td>133</td><td>>180</td><td>>180</td></tr><tr><td>Glycerinezuur</td><td>3</td><td>10</td><td>156</td></tr><tr><td>Citroenzuur</td><td>123</td><td>>180</td><td>>180</td></tr></table> | | Component | Kamer-temperatuur | Gekoeld (4 °C) | Gevroren (-20 °C) | Oxaalzuur | 4 | 12 | 123 | Glycolzuur | 133 | >180 | >180 | Glycerinezuur | 3 | 10 | 156 | Citroenzuur | 123 | >180 | >180 |
| Component | Kamer-temperatuur | Gekoeld (4 °C) | Gevroren (-20 °C) | | | | | | | | | | | | | | | | | | | | |
| Oxaalzuur | 4 | 12 | 123 | | | | | | | | | | | | | | | | | | | | |
| Glycolzuur | 133 | >180 | >180 | | | | | | | | | | | | | | | | | | | | |
| Glycerinezuur | 3 | 10 | 156 | | | | | | | | | | | | | | | | | | | | |
| Citroenzuur | 123 | >180 | >180 | | | | | | | | | | | | | | | | | | | | |
| Detectielimieten | | | | | | | | | | | | | | | | | | | | | | | |
| LoD (Limit of Detection) LoQ (Limit of Quantitation) | | LoD: niet van toepassing LoQ: Oxaalzuur 0,004 mmol/L Glycolzuur 0,003 mmol/L Glycerinezuur 0,165 µmol/L Citroenzuur 0,049 mmol/L | | | | | | | | | | | | | | | | | | | | | |
| Imprecisie | | | | | | | | | | | | | | | | | | | | | | | |
| Oxaalzuur <ul style="list-style-type: none">- Concentratie: 0,099 mmol/L- Concentratie: 0,307 mmol/L- Concentratie: 0,436 mmol/L Glycolzuur <ul style="list-style-type: none">- Concentratie: 0,082 mmol/L- Concentratie: 0,356 mmol/L- Concentratie: 0.448 mmol/L Glycerinezuur <ul style="list-style-type: none">- Concentratie: 2,946 µmol/L- Concentratie: 11,622 µmol/L- Concentratie: 35.846 µmol/L Citroenzuur <ul style="list-style-type: none">- Concentratie: 1,569 mmol/L- Concentratie: 2,230 mmol/L- Concentratie: 2,239 mmol/L | | Oxaalzuur <ul style="list-style-type: none">- CV (%): 1,58- CV (%): 2,26- CV (%): 2,09 Glycolzuur <ul style="list-style-type: none">- CV (%): 2,54- CV (%): 1,55- CV (%): 2,39 Glycerinezuur <ul style="list-style-type: none">- CV (%): 3,31- CV (%): 1,16- CV (%): 4,38 Citroenzuur <ul style="list-style-type: none">- CV (%): 2,48- CV (%): 2,34- CV (%): 3,95 | | | | | | | | | | | | | | | | | | | | | |
| Meetbereik | | | | | | | | | | | | | | | | | | | | | | | |
| Meetbereik | | Oxaalzuur -1,59 mmol/L Glycolzuur -2,61 mmol/L Glycerinezuur -274 µmol/L Citroenzuur -6,23 mmol/L | | | | | | | | | | | | | | | | | | | | | |

Extern QC programma

(Inter)nationaal extern QC programma

ERNDIM

Ingevuld door: M. Remkes

Datum: 01-04-2025

Referentiewaarden

| Leeftijd | Oxaalzuur | Oxaalzuur | Glycolzuur | Glycolzuur | Glycerinezuur | Glycerinezuur | Citroenzuur | Citroenzuur |
|----------|------------|----------------------|------------|----------------------|------------------|-----------------------------|-------------|-----------------------|
| (Jaren) | (mmol/24h) | (mmol/ mol kreat) | (mmol/24h) | (mmol/ mol kreat) | (μ mol/24h) | (μ mol/ mmol kreat) | (mmol/24h) | (mmol/ mmol kreat) |
| >18 | 0,07-0,72 | 8,3-49,0 | 0,19-1,30 | 16-74 | 9,3-32,2 | 0,66-2,13 | 1,2-7,0 | 0,09-0,56 |
| 2-8 | | | | 28-162 | | | | |
| 8-14 | | | | 46-126 | | | | |
| 14-18 | | | | 40-95 | | | | |
| 0-6 | | | | | | | 0,22-3,59 | 0,11-0,91 |
| 7-13 | | | | | | | 0,97-4,73 | 0,11-0,64 |
| 14-18 | | | | | | | 1,83-4,82 | 0,11-0,46 |