



## CONVERSION FACTORS

**Table 1. Conversion table**

| Device unit | Conversion factor | Required unit |
|-------------|-------------------|---------------|
| 1/1 or L/L  | x 100             | %             |
| U/mL        | =                 | kU/L          |
| pg/mL       | =                 | ng/L          |
| ng/mL       | ÷ 1 000           | mg/L          |
| ng/L        | ÷ 1 000           | µg/L          |
| ng/mL       | =                 | µg/L          |
| µg/mL       | =                 | mg/L          |
| mg/L        | ÷ 1 000           | g/L           |
| mg/dL       | ÷ 100             | g/L           |
| g/dL        | x 10              | g/L           |
| g/L         | x 1 000           | mg/L          |
| µmol/L      | ÷ 1 000           | mmol/L        |
| nmol/L      | ÷ 1 000           | µmol/L        |
| ‰           | ÷ 10              | %             |

**Table 2. Conversion factors frequently used for specific parameters**

| Parameter        | Device unit         | Conversion factor            | Recommended unit    |
|------------------|---------------------|------------------------------|---------------------|
| Creatinine       | µmol/L              | ÷ 1 000                      | mmol/L              |
|                  | mg/dL               | x 0,0884                     | mmol/L              |
| D-dimer          | ng/mL = µg/L        | ÷ 1 000                      | mg/L                |
|                  | µg/mL               | =                            | mg/L                |
| Erythrocytes     | 10 <sup>9</sup> /L  | ÷ 1 000                      | 10 <sup>12</sup> /L |
|                  | 10 <sup>6</sup> /µL | =                            | 10 <sup>12</sup> /L |
| Glucose          | mg/dL               | x 0,0555                     | mmol/L              |
|                  | g/L                 | x 5,55                       | mmol/L              |
| HbA1c            | % (NGSP)            | (10,93 x result in %) – 23,5 | mmol/mol            |
| Haemoglobin      | g/dL                | x 10                         | g/L                 |
|                  | mmol/L              | x 16,1                       | g/L                 |
| Leucocytes       | 10 <sup>6</sup> /L  | ÷ 1 000                      | 10 <sup>9</sup> /L  |
|                  | 10 <sup>3</sup> /µL | =                            | 10 <sup>9</sup> /L  |
| MCHC             | g/dL                | x 10                         | g/L                 |
| pCO <sub>2</sub> | mmHg                | x 0,133                      | kPa                 |
| pO <sub>2</sub>  | mmHg                | x 0,133                      | kPa                 |
| Proteins         | mg/L                | ÷ 1 000                      | g/L                 |
|                  | g/L                 | x 1 000                      | mg/L                |
| Thrombocytes     | 10 <sup>9</sup> /L  | ÷ 1 000                      | 10 <sup>9</sup> /L  |
|                  | 10 <sup>3</sup> /µL | =                            | 10 <sup>9</sup> /L  |
| Transferrin      | µmol/L              | x 0,0796                     | g/L                 |
| Troponin I and T | µg/L                | x 1 000                      | ng/L                |
| Urate, urinary   | µmol/L              | ÷ 1 000                      | mmol/L              |