

The following RBC indices are calculated:

- **Mean cell volume (MCV)**

The MCV is calculated from the RBC and HCT:

$$\text{MCV (fL)} = \frac{\text{HCT (\%)}}{\text{RBC (x } 10^6/\mu\text{L)}} \times 10$$

- **Mean cell haemoglobin (MCH)**

The MCH is calculated from the RBC and HGB:

$$\text{MCH (pg)} = \frac{\text{HGB (g/dL)}}{\text{RBC (x } 10^6/\mu\text{L)}} \times 10$$

- **Mean cell haemoglobin concentration (MCHC)**

The MCHC is calculated from the HCT and HGB:

$$\text{MCHC (g/dL)} = \frac{\text{HGB (g/dL)}}{\text{HCT (\%)}} \times 100$$