

Erythrocyte colour value

The **erythrocyte mean cell haemoglobin** (MCH) is the average amount of haemoglobin per erythrocyte.

It is calculated according to the formula:

$$MCH = \frac{\text{hemoglobin [g/l]}}{\text{počet erytrocytů [l}^{-1}\text{]}}$$

The physiological value of MCH ranges from **28-32 pg**. The lower values tend to be in hypochromic anemias, the higher values in macrocytic anemias

Odkazy

Související články

- Erythrocyte haemoglobin concentration=MCHC
- Mean erythrocyte volume=MCV

Zdroj

ŠVÍGLEROVÁ, Jitka. *Barevná hodnota erytrocytu* [online]. The last revision 2009-02-18, [cit. 2010-11-12]. <idk>.