

Parameter **Reference limits** **Units**

Peripheral blood smear		
Red blood cell (RBC) count (in male)	4.0 mil.-5.8 mil.	/mm ³
Red blood cell count (in female)	3.8 mil.-5.2 mil	/mm ³
Hemoglobin (in male)	130-160	g/l
Hemoglobin (in female)	120-160	g/l
Hematocrit (HCT) (in male)	0.40-0.50	-
Hematocrit (in female)	0.35-0.47	-
Mean corpuscular volume (MCV) = HCT/RBC	82-98	fl
Red blood cell distribution width (RDW, variability of RBC size)	10-15.2	%
Mean corpuscular hemoglobin (MCH)	28-34	pg
Mean corpuscular hemoglobin concentration (MCHC)	320-360	g/l
Reticulocyte count	0.5-2.5 %	-
White blood cells (WBC, leukocytes)	4 000-10 000	/mm ³
Platelets (thrombocytes)	150 000-400 000	/mm ³

White blood cell differential count		
Lymphocytes	20-45 %	-
Monocytes	2-10 %	-
Segmented neutrophilic granulocytes (PMN, polymorphonuclears)	45-70 %	-
Nonsegmented neutrophilic granulocytes (bands, stabs)	0-4 %	-
Eosinophilic granulocytes	0-5 %	-
Basophilic granulocytes	0-2 %	-

Arneth formula		
1 nuclear segment (lobe), bands, stabs	5%	-
2 nuclear lobes	35%	-
3 nuclear lobes	41%	-
4 nuclear lobes	17%	-
5 nuclear lobes	2%	-
Average number of lobes (Hynek's nuclear figure)	2.7	-

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