

Medical report: Blood analysis

subota 26 travnja 2025

Name: John Doe Sex: M Weight: - Blood type: A+

Parameter	Value	Normal range
Hemoglobin	132 g/L	135 – 175 g/L (men), 120 – 160 g/L
White Blood Cells	7.2 x10/L	4.0 – 10.0 x10/L
Hematocrit	0.41 L/L	0.40 – 0.50 L/L (men), 0.35 – 0.47 L/L
Red Cell Distribution Width (RDW)	15.5%	Not defined

Based on the provided blood analysis data for the patient, here is a summary of the results:

- Hemoglobin**: The patient's hemoglobin level is 132 g/L. This is slightly below the reference range for men (135 – 175 g/L). A low hemoglobin level can indicate anemia, which may lead to fatigue, weakness, and other symptoms. To improve hemoglobin levels, the patient could consider increasing dietary iron intake (e.g., red meat, beans, leafy greens) or discussing iron supplements with a healthcare provider if necessary.
- White Blood Cells**: The white blood cell count is 7.2 x10/L, which is within the normal reference range (4.0 – 10.0 x10/L). This indicates that the immune system is functioning properly.
- Hematocrit**: The hematocrit level is 0.41 L/L, which is within the normal range for men (0.40 – 0.50 L/L). This suggests that the proportion of blood volume occupied by red blood cells is normal.
- Red Cell Distribution Width (RDW)**: The RDW is reported at 15.5%. While there is no reference range provided, a typical RDW range is approximately 11.5% to 14.5%. A higher RDW can indicate variability in red blood cell size, which may be associated with various types of anemia or other conditions. It may be beneficial for the patient to discuss this result with a healthcare provider for further evaluation.

In summary, while the white blood cells and hematocrit levels are normal, the hemoglobin is slightly low, and the RDW may be elevated. Addressing the low hemoglobin through dietary changes or supplements could help prevent potential complications associated with anemia. The RDW should also be monitored, and further investigation may be warranted to understand its implications.