



Amanda Lowry

Your test results

Full Blood Count

Summary

Congratulations on taking the Full Blood Count which puts you in control of your health data!



i-screen

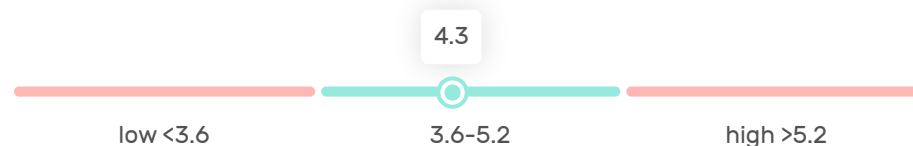
Collection Date: 06 Feb 2025

Full blood count with differential

Your blood counts are within the normal range and don't indicate anaemia or recent infection.

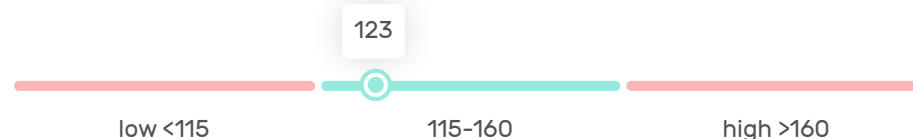
Red Blood Cell Count $4.3 \times 10^{12}/L$

Responsible for carrying oxygen around the body. A high count can increase the risk of heart attack or stroke, whilst a low count can mean your body isn't getting the oxygen it needs.



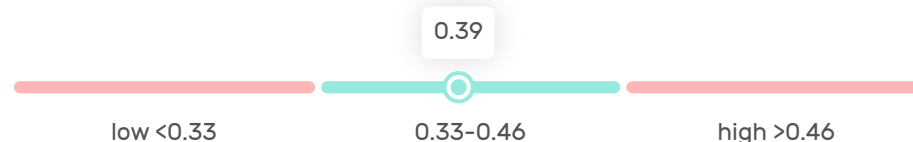
Haemoglobin 123 g/L

A good measure of your blood's ability to carry oxygen throughout your body. Elevated haemoglobin can be an indicator of lung disease, whilst a low result indicates anaemia.



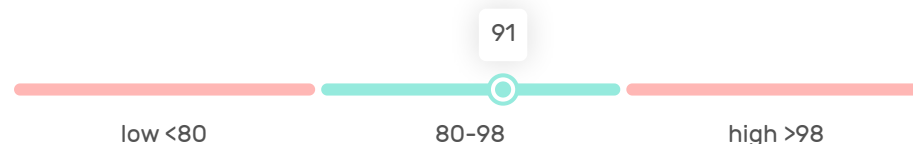
Haematocrit 0.39

A measure of the percentage of red blood cells in the total blood volume. Elevated haematocrit can increase the risk of heart attack or stroke.



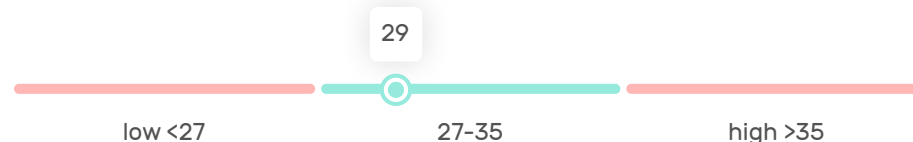
MCV 91 fL

MCV is a measure of the average size of the red blood cells. The MCV may be elevated in anaemia caused by vitamin B12 or folate deficiency. Whereas decreased MCV may be seen in iron deficiency anaemia for example.



MCH 29 pg

MCH is a calculation of the average amount of oxygen-carrying haemoglobin inside a red blood cell. Large red blood cells tend to have a higher MCH, while small red cells would have a lower value.



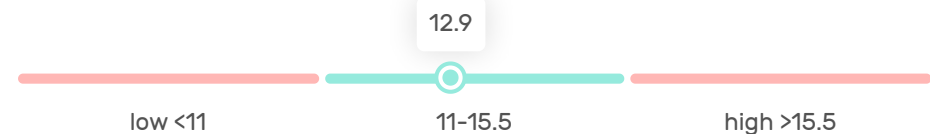
MCHC 316 g/L

MCHC is a calculation of the average concentration of haemoglobin inside a red cell. Decreased MCHC is seen in iron deficiency anaemia and conditions such as thalassaemia.



RDW 12.9 %

RDW is a calculation of the variation in the size of your red blood cells. A high RDW value may indicate the presence of certain medical conditions, such as anaemia, liver disease, or vitamin B12 or folate deficiency.



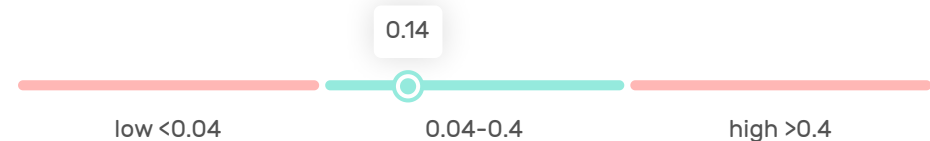
White Blood Cell Count 4.7 x10⁹/L

Responsible for fighting infection. A high count can indicate recent infection and even stress, whilst a low count can result from vitamin deficiencies, liver disease and immune diseases.



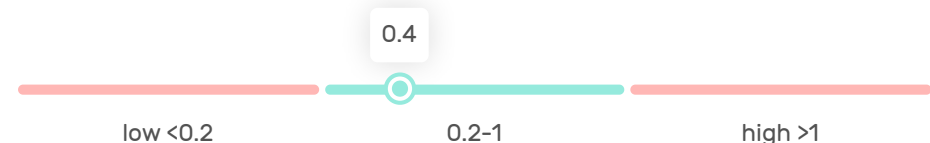
Eosinophils 0.14 x10⁹/L

A type of white blood cell. Can increase in response to allergic disorders, inflammation of the skin and parasitic infections. They can also occur in response to some infections or to various bone marrow malignancies.



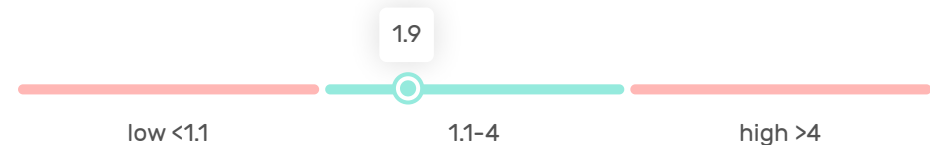
Monocytes 0.4 x10⁹/L

A type of white blood cell. Can increase in response to infection as well as inflammatory disorders, and occasionally with some types of leukaemias. Decreased monocyte levels can indicate bone marrow injury or failure and some forms of leukaemia.



Lymphocytes 1.9 x10⁹/L

A type of white blood cell. Can increase with bacterial or viral infection, leukaemia, lymphoma, radiation therapy or acute illness. Decreased lymphocyte levels are common in later life but can also indicate steroid medication, stress, lupus and HIV infection.



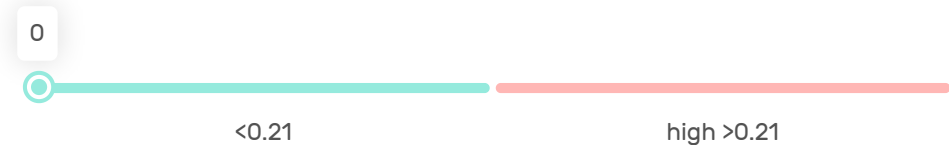
Neutrophils $2.2 \times 10^9/L$

A type of white blood cell. Can increase in response to bacterial infection, inflammatory disease, steroid medication, or more rarely leukaemia. Decreased neutrophil levels may be the result of severe infection or other conditions.



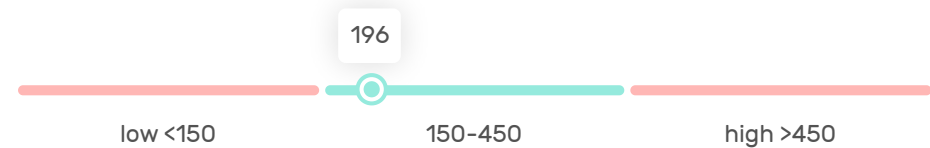
Basophils $0.00 \times 10^9/L$

Basophils are a type of white blood cell. Basophils can increase in cases of leukaemia, long-standing inflammation and hypersensitivity to food.



Platelet Count $196 \times 10^9/L$

Responsible for blood clotting and healing. A high count can indicate a risk of thrombosis, whilst a low count can lead to easy bruising.



Recommendations

Check in with your GP



As always, please visit your GP to discuss your results. Laboratory investigations are an important aspect of healthcare, however they must be viewed in the wider context of your medical history, current health and concerns, physical examination findings and other investigations. These results do not replace the need for face to face medical consultation or regular visits to your local GP. A copy of your lab report is attached for your reference.

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