

# Mean corpuscular volume

Mean corpuscular volume (MCV) is a parameter used in [blood test](#) to measure the average size of red blood cells ([erythrocytes](#)) in a [blood sample](#). MCV is expressed as a volume in femtoliters (fL) and is calculated by dividing the total volume of red blood cells in the sample by the number of red blood cells. MCV can provide information about the size of red blood cells and can help diagnose and differentiate various types of [anemia](#). For example, a low MCV may indicate [microcytic anemia](#), while a high MCV may indicate macrocytic anemia.

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