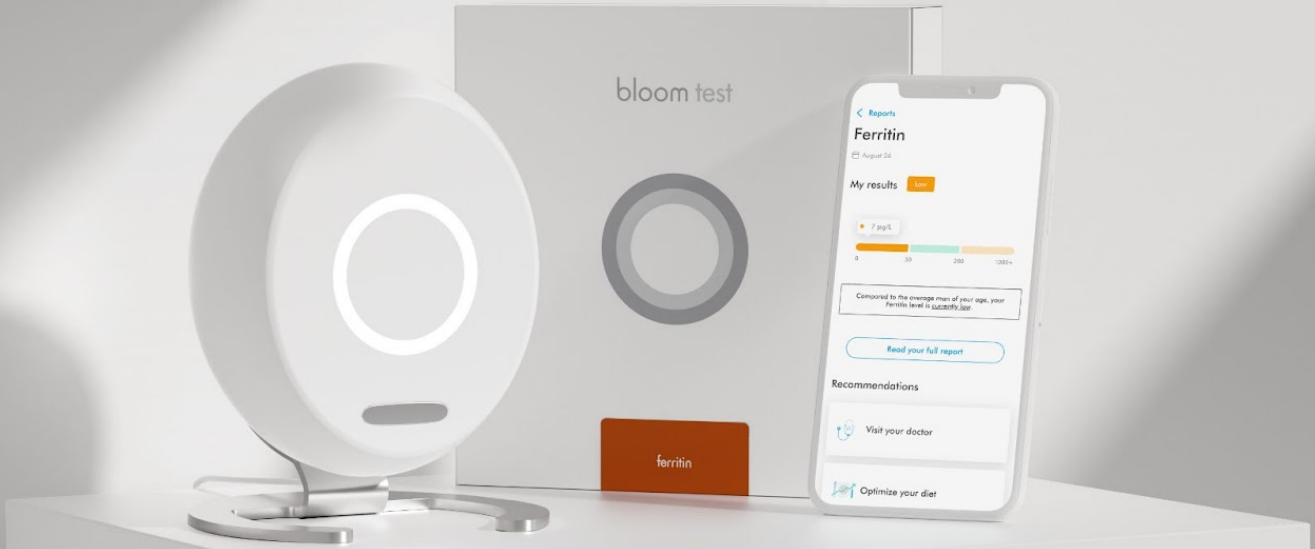




bloom

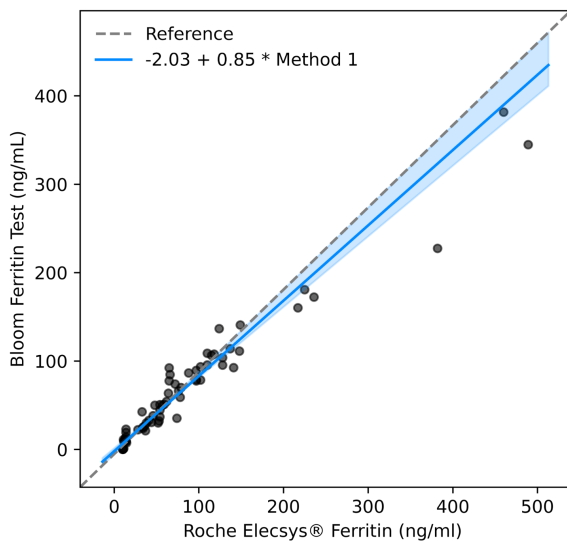
Bloom Ferritin Test Info Sheet



Bloom System

The Bloom System is a medical testing system intended to be used in a home, store or professional setting. It provides screening and monitoring of target markers and medical guidance. It combines lateral flow immunoassays (Bloom Test strips), an established diagnostics technology, with an electronic reader for test strip analysis (Bloom Lab) and an app for displaying and interpreting results (Bloom App).

Passing-Bablok Regression



Results are automatically generated by the Bloom App using a batch specific 8-point calibration curve.

Bloom Ferritin Test

Indication

Ferritin is a storage protein and has the function to bind iron ions. It correlates positively with the total amount of iron stored in the body. Due to its simple way of detection, ferritin has become a recognized test for the determination of the iron levels. Normal ferritin concentrations vary depending on age and sex.

Intended Use

The Bloom Ferritin Test is a single-use testing kit for manual in-vitro diagnostic quantitative screening of ferritin in capillary blood, for individuals interested in tracking and optimization of health and non-acute medical conditions. It is intended for self and near patient testing for individuals 18 years old and above.

Test time 10 minutes

Test principle Sandwich assay

Sample type Whole blood

Sample volume 25µl

Quantifiable Range 10 - 500 ng/ml

LOD 5 ng/ml

Intermediate Precision 5.98%