



bloom

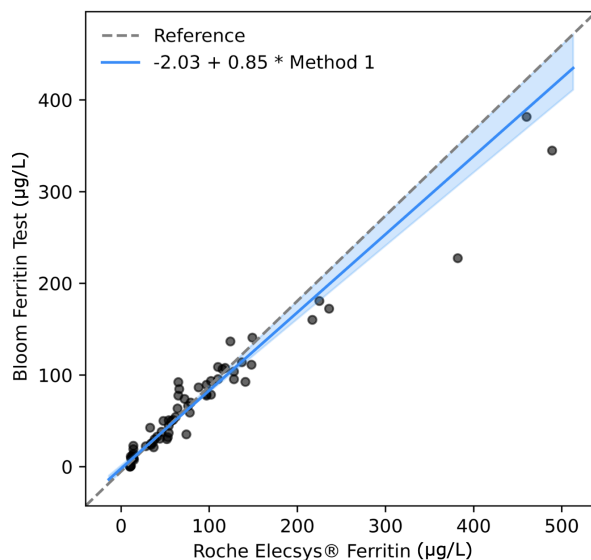
## Bloom Ferritin Test Info Sheet



### Bloom System

The Bloom System is a medical testing system intended to be used in a home, store or professional setting. The Bloom System is CE mark approved for the EU and Switzerland. 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	Lateral flow immunoassay
Sample	25 µl capillary whole blood
Application	1:3 pre-dilution with buffer, 100µl volume
Quantifiable Range	10 - 500 µg/l
LOD	5 µg/l
Intermediate Precision	5.98 %