

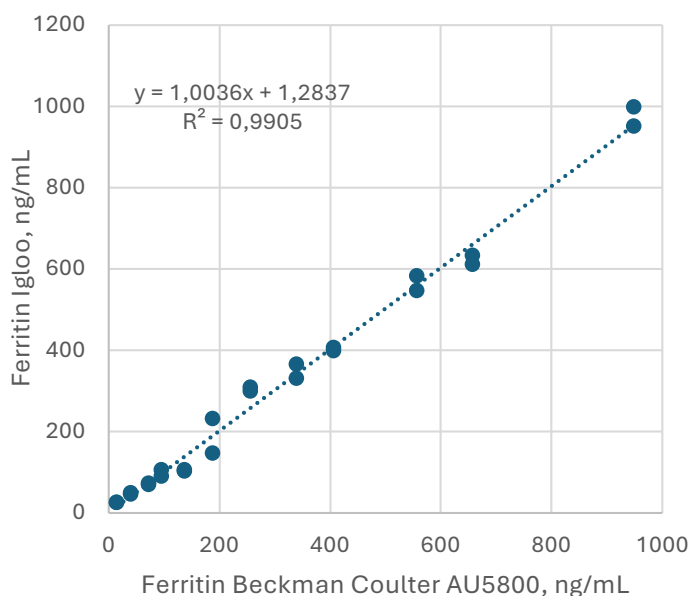
Igloo System

The Igloo System is a medical testing solution designed for point-of-care (POC), pharmacy, and near-patient testing environments. It enables rapid screening and monitoring of specific biomarkers and supports medical decision-making. The Igloo System is CE-marked for the EU and UKCA-certified for the UK. It combines third-party lateral flow immunoassays—an established diagnostic technology—with an electronic reader for accurate test strip analysis.

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.

Correlation curve



Results are automatically generated by the Igloo reader using a batch specific five parameter logistic calibration curve determined from 7 calibration measurements

Intended Use

The Lansionbio 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.

Manufacturer	Lansionbio
Test time	10 mins
Measuring Range	10 – 1000 ng/mL
Lower Detection Limit	≤ 5 ng/mL
Precision (CV)	≤ 15 %
Correlation clinical	$R^2=0.99$
Sample	5 µl capillary blood