



## turbosmart™ Ferritin

### Immunoturbidimetric Assay For Determination Of Serum Ferritin on turbosmart™

**Intended Use:**

Clinically, serum ferritin is most commonly used in combination with other iron parameters to gauge the iron status of a patient and is most useful in diagnosis of iron deficiency. turbosmart™ Ferritin helps in Determination Of Serum Ferritin which serves a critical role in management of both iron deficiency and iron overload.

**turbosmart™ Ferritin Kit components:**

<b>turbosmart™ Ferritin Activation buffer (R1)</b>	Ready to use
<b>turbosmart™ Ferritin Latex reagent (R2)</b>	A ready to use solution of latex agglutinating sera (latex coated with antihuman ferritin antibody).
<b>turbosmart™ Ferritin RFID</b>	Card with Ferritin master calibration curve calibrated with standard traceable against the 1st International Standard (IS) NIBSC (National Institute for Biological Standards and Control) NIBSC WHO 1st IS 80/602 (human liver).
<b>Other Accessories</b>	Package Insert & Cuvettes

**Performance Characteristics:**

<b>Measuring range:</b> 5-600 µg/L.
<b>Specificity:</b> Latex agglutinating sera (latex coated with antihuman ferritin antibody)

FEATURES	BENEFITS
<b>Ready to use antihuman ferritin antibody latex reagent.</b>	High Specificity to ferritin in human serum.
<b>Lot Specific RFID card</b>	Secures master calibration, optimized mixing and accurate reading of reaction
<b>Master calibration curve calibrated with a standard traceable to NIBSC WHO 1st IS 80/602 (human liver).</b>	Results aligned to International standards Good inter - method agreement in results
<b>Convenient pack size of 20 Tests</b>	Facilitates complete utilisation of reagent within stability period.
<b>Unique Cuvette Design</b>	Secures optimized on-board mixing.
<b>Disposable Cuvettes</b>	Secures no carryover effects, reduces labour and minimizes biohazard.

Storage / Stability	Temperature	Duration
<b>Unopened kit</b>	2-8°C	12 months
<b>In Use Stability</b>	2-8°C	75 days

Available Pack Sizes
20 Tests

<b>Suggested control</b>	Turbodyne™ Ferritin control
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