



 Ferritin	Immunoturbidimetric Assay For Determination Of Serum Ferritin On TurboSMART™	
Application	<p>Ferritin is a major iron storage protein essential in iron homeostasis and is involved in wide range of physiologic and pathologic processes. 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. Serum ferritin serves a critical role in management of both iron deficiency and iron overload. Elevated serum and tissue ferritin is linked to coronary artery disease, malignancy, and poor outcomes following stem cell transplantation. Ferritin is directly implicated in sideroblastic anaemias, neurodegenerative disorders, and hemophagocytic syndrome.</p>	
Measuring range	5-600 µg/L	
Specificity	latex agglutinating sera (latex coated with antihuman ferritin antibody)	
Reagent	<p>TurboSMART™ Ferritin Activation buffer: Ready to use.</p> <p>TurboSMART™ Ferritin Latex Reagent: A ready to use solution of latex agglutinating sera (latex coated with antihuman ferritin antibody).</p> <p>TurboSMART™ Ferritin RFID: 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).</p>	
Test duration	300 secs	
Storage / Stability	2-8°C, 12 months	
In Use Stability	2-8°C, 75 days	

Presentation	Pack	Cat.No.
TurboSMART™ Ferritin	20 Tests	108790020

