

Plasma Lactoferrin Assay Kit

Human Plasma Lactoferrin Assay Kit

CATALOG #
AAA71811

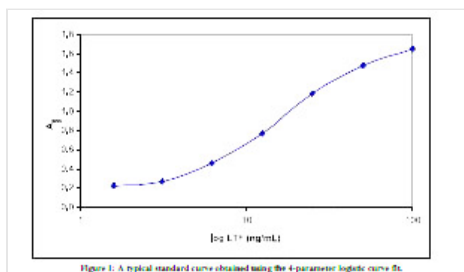
PRODUCT SYNONYMS

Plasma Lactoferrin; Human Plasma Lactoferrin Assay Kit; Human Lactoferrin; Plasma Lactoferrin assay kit

PRODUCT SPECIFICATIONS

Assay Type	Sandwich
Preparation and Storage	4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Plasma Lactoferrin assay kit	Principle of the Assay: This method is an enzyme-linked immunosorbent assay (ELISA). Lactoferrin is captured by a monoclonal antibody (MAb) that is coated on wells of a sectional microplate. A second LTF-MAb labeled with biotin is added to the well and binds with the captured LTF forming a "sandwich." A solution of streptavidin-peroxidase is then added. Streptavidin has a high affinity for biotin and once bound, its horseradish peroxidase (HRP) label is available for color development by addition of the substrate, o-phenylenediamine (OPD). This color development at 450 nm is proportional to the quantity of LTF in the sample.
References	- Autiero M, Sansone G, Abrescia P. (1991) "Relative ratios of lactoferrin, albumin, and acid phosphatase seminal levels as sperm quality markers in fertile and infertile men" J. Androl. 12: 191-200. - Birgens HS (1985) "Lactoferrin in plasma measured by an ELISA technique: Evidence that plasma lactoferrin is an indicator of neutrophil turnover and bone marrow activity in acute leukemia" Scand. J. Haematol. 34: 326- 331. - Baynes RD, Bezwoda WR, Khan Q, Mansoor N (1986) "Relationship of plasma lactoferrin content to neutrophil regeneration and bone marrow infusion" Scand. J. Haematol. 36: 79-84. - Lash JA, Coates TD, Lafuze J, Baehner RL, Boxer L (1983) "Plasma lactoferrin reflects granulocyte activation in vivo" Blood. 61: 885-888. - Kähler S, Christophers E., Schröder JM (1988) "Plasma lactoferrin reflects neutrophil activation in psoriasis" Brit. J. Derm. 119: 289-293.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.