

Human Fetuin A ELISA Kit

Fetuin A Human ELISA Kit

CATALOG # AAA59036	REACTIVITY Human	APPLICATIONS ELISA
------------------------------	----------------------------	------------------------------

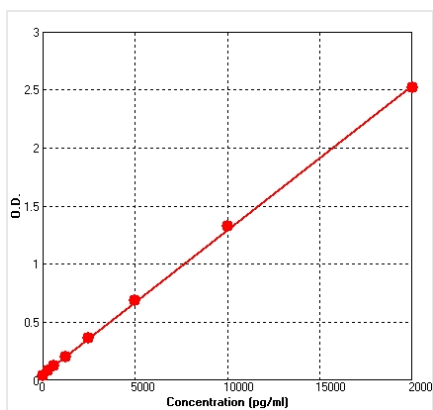
PRODUCT SYNONYMS

Fetuin A; Fetuin A Human ELISA Kit; Human Fetuin A; Fetuin A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	312 pg/ml-20,000 pg/ml
Sensitivity	< 10pg/ml
Applicable Applications for Fetuin A elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Fetuin A elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Fetuin A polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Fetuin A polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Fetuin A amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Fetuin A can be calculated. Background: Fetuin-A, also known as Alpha-2-HS-glycoprotein (AHSG) is a protein that in humans is encoded by the AHSG gene. This gene spans approximately 8.2 kb and contains 7 exons. Fetuin-A belongs to the fetuin class of plasma binding proteins and is more abundant in fetal than adult blood. It is present in the serum, and synthesized by hepatocytes. It may plays some role in the metabolism of bone because of its high affinity for calcium. Fetuin-A is a potent inhibitor of pathological calcification. In the test tube Fetuin-A can bind multiple ligands and therefore has been claimed to be involved in several functions, such as endocytosis, brain development and the formation of bone tissue.
--	--

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/fetuin-a/59036>