

Human Collagen Alpha 3 (VI) chain (COL6A3) ELISA Kit | COL6A3 elisa kit

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CATALOG #
AAA246442

REACTIVITY
Human

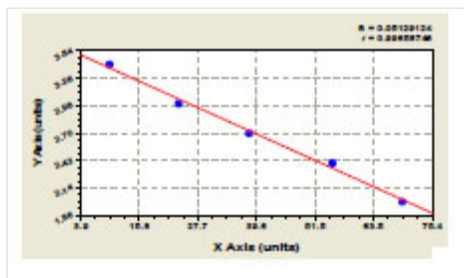
PRODUCT SYNONYMS

Collagen Alpha 3 (VI) chain (COL6A3); Human Collagen Alpha 3 (VI) chain (COL6A3) ELISA Kit; COL6A3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COL6A3 elisa kit

Intended Uses: This CoL6alpha3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CoL6alpha3. This ELISA kit for research use only!

Principle of the Assay||CoL6alpha3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CoL6alpha3 antibody and an CoL6alpha3-HRP conjugate. The assay sample and buffer are incubated together with CoL6alpha3-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CoL6alpha3 concentration since CoL6alpha3 from samples and CoL6alpha3-HRP conjugate compete for the anti-CoL6alpha3 antibody binding site. Since the number of sites is limited, as more sites are occupied by CoL6alpha3 from the sample, fewer sites are left to bind CoL6alpha3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CoL6alpha3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for COL6A3 elisa kit

[Signal Transduction](#)

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/collagen-alpha-3-vi-chain-col6a3/246442>