

Rat Collagen type IV Alpha 3-binding protein (COL4A3BP) ELISA Kit | COL4A3BP elisa kit

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CATALOG #
AAA245663

REACTIVITY
Rat

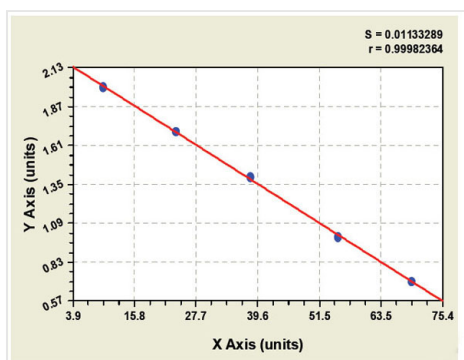
PRODUCT SYNONYMS

Collagen type IV Alpha 3-binding protein (COL4A3BP); Rat Collagen type IV Alpha 3-binding protein (COL4A3BP) ELISA Kit; COL4A3BP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This COL4A3BP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat COL4A3BP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COL4A3BP elisa kit

Principle of the assay: COL4A3BP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-COL4A3BP antibody and an COL4A3BP-HRP conjugate. The assay sample and buffer are incubated together with COL4A3BP-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 COL4A3BP concentration since COL4A3BP from samples and COL4A3BP-HRP conjugate compete for the anti-COL4A3BP antibody binding site. Since the number of sites is limited, as more sites are occupied by COL4A3BP from the sample, fewer sites are left to bind COL4A3BP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The COL4A3BP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	674589488
NCBI Official Full Name	collagen type iv alpha 3 binding protein

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/rat-elisa-kits/collagen-type-iv-alpha-3-binding-protein-col4a3bp/245663>