

Sheep Procollagen Type III N-Terminal Propeptide ELISA Kit | P3NP elisa kit

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CATALOG #
AAA93575

REACTIVITY
Sheep

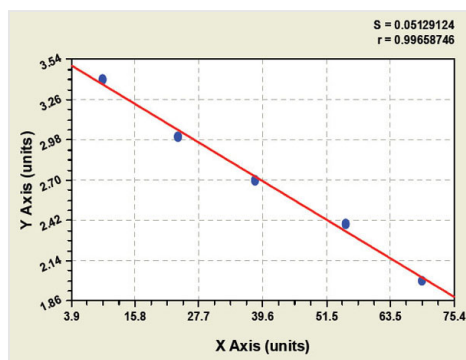
PRODUCT SYNONYMS

Procollagen Type III N-Terminal Propeptide; Sheep Procollagen Type III N-Terminal Propeptide ELISA Kit; P3NP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This P3NP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep P3NP. 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 P3NP elisa kit

Principle of the Assay: P3NP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-P3NP antibody and an P3NP-HRP conjugate. The assay sample and buffer are incubated together with P3NP-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 P3NP concentration since P3NP from samples and P3NP-HRP conjugate compete for the anti-P3NP antibody binding site. Since the number of sites is limited, as more sites are occupied by P3NP from the sample, fewer sites are left to bind P3NP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The P3NP concentration in each sample is interpolated from this standard curve.

Product Categories/Family for P3NP elisa kit

Cell Biology

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/p3np-sheep-elisa-kits/procollagen-type-iii-n-terminal-propeptide/93575>