

Bovine Tartrate resistant acid phosphatase 5b ELISA Kit | TRACP-5b elisa kit

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CATALOG # AAA92655	REACTIVITY Bovine
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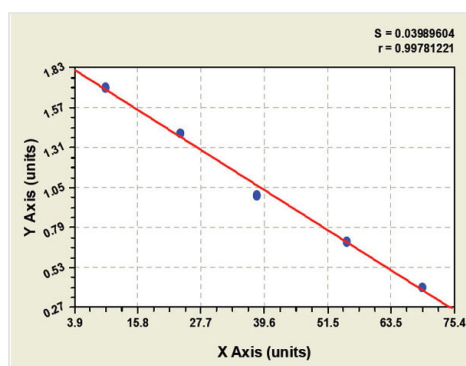
PRODUCT SYNONYMS

Tartrate resistant acid phosphatase 5b; Bovine Tartrate resistant acid phosphatase 5b ELISA Kit; TRACP-5b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This TRACP-5B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine TRACP-5B. 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 TRACP-5b elisa kit	Principle of the Assay: TRACP-5B ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TRACP-5B antibody and an TRACP-5B-HRP conjugate. The assay sample and buffer are incubated together with TRACP-5B-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 TRACP-5B concentration since TRACP-5B from samples and TRACP-5B-HRP conjugate compete for the anti-TRACP-5B antibody binding site. Since the number of sites is limited, as more sites are occupied by TRACP-5B from the sample, fewer sites are left to bind TRACP-5B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TRACP-5B concentration in each sample is interpolated from this standard curve.
Product Categories/Family for TRACP-5b 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/tracp-5b-bovine-ovine-elisa-kits/tartrate-resistant-acid-phosphatase-5b/92655>