

Sheep Pro-Gastrin Releasing Peptide ELISA Kit | proGRP elisa kit

Sheep Pro-Gastrin Releasing Peptide ELISA Kit

CATALOG #
AAA93930

REACTIVITY
Sheep

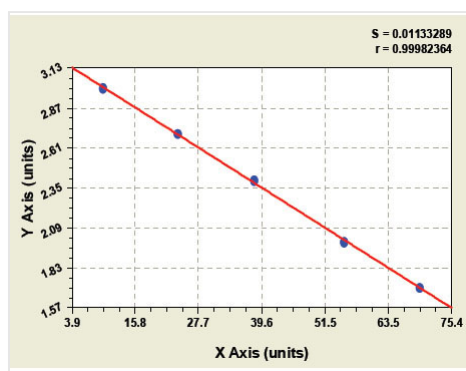
PRODUCT SYNONYMS

Pro-Gastrin Releasing Peptide; Sheep Pro-Gastrin Releasing Peptide ELISA Kit; proGRP 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.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for proGRP elisa kit

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

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

Product Categories/Family for proGRP 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/progrp-sheep-elisa-kits/pro-gastrin-releasing-peptide/93930>