

Equine insulin ELISA Kit

Equine insulin Immunoassay Kit

CATALOG #
AAA60565

REACTIVITY
Equine

PRODUCT SYNONYMS

insulin; Equine insulin Immunoassay Kit; Equine insulin; insulin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Equine
Specificity	The lowest insulin level that can be measured by this assay is 3uU/ml.
Samples	Equine serum and plasma samples
Intra-assay Precision	< 10%.
Inter-assay Precision	< 10%.

ADDITIONAL INFORMATION

Related Product Information for insulin elisa kit	Principle of the Assay: This assay is a two-site ELISA. The micro-plate is pre-coated with a monoclonal antibody against insulin. Standards and samples are added into the wells and coincubated with a monoclonal antibody conjugated to horseradish peroxidase (HRP) enzyme. After wash step to remove any unbound substances, TMB substrate is added and colour develops in proportion to the amount of insulin bound initially. The assay is stopped and the optical density of the wells determined using a micro-plate reader. Since the increases in absorbance are directly proportional to the amount of captured insulin, the unknown sample concentration can be interpolated from a reference curve included in each assay.
References	1- Mane K et al.,(2012) J Basic Clin Pharm 3(2):283-293

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://www.aaabiotech.com/equine-elisa-kits/insulin/60565>