

Pig High mobility group protein B1 ELISA Kit | HMGB1 elisa kit

Pig High mobility group protein B1 (HMGB1) ELISA Kit

CATALOG # AAA55433	REACTIVITY Pig
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PRODUCT SYNONYMS

High mobility group protein B1; Pig High mobility group protein B1 (HMGB1) ELISA Kit; HMGB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig HMGB1. No significant cross-reactivity or interference between Pig HMGB1 and analogues was observed.
Sequence Length	215
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	3.12 ng/mL - 200 ng/mL
Sensitivity	1.56 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for HMGB1 elisa kit	Intended Uses: For the quantitative detection of Pig High mobility group protein B1 (HMGB1) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate HMGB1 in Pig serum, plasma. An antibody specific for HMGB1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HMGB1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HMGB1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HMGB1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51592117
NCBI GeneID	445521
NCBI Accession #	NP_001004034.1
NCBI GenBank Nucleotide #	NM_001004034.1
UniProt Accession #	P12682

Molecular Weight	24,917 Da
NCBI Official Full Name	high mobility group protein B1
NCBI Official Symbol	HMGB1
NCBI Protein Information	high mobility group protein B1
UniProt Protein Name	High mobility group protein B1
UniProt Gene Name	HMGB1
UniProt Synonym Gene Names	HMG1; HMG-1

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/hmgb1-pig-elisa-kits/high-mobility-group-protein-b1/55433>