

Mouse H1-4 (Histone H1.4) ELISA Kit | H1-4 elisa kit

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CATALOG # AAA250191	REACTIVITY Mouse
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PRODUCT SYNONYMS

H1-4 (Histone H1.4); Mouse H1-4 (Histone H1.4) ELISA Kit; Histone H1.4; H1 VAR.2; H1e; H1-4; H1f4; Hist1h1e; H1-4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of H1-4. No significant cross-reactivity or interference between H1-4 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for H1-4 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13430890
NCBI GeneID	50709
NCBI Accession #	NP_056602.1
NCBI GenBank Nucleotide #	NM_015787.4
UniProt Accession #	P43274 ; Q5EBH3
Molecular Weight	21,977 Da
NCBI Official Full Name	histone H1.4
NCBI Official Synonym Full Names	histone cluster 1, H1e

NCBI Official Symbol	Hist1h1e
NCBI Official Synonym Symbols	H1e; H1-4; H1f4; H1s-4; H1var2
NCBI Protein Information	histone H1.4; H1 VAR.2; histone H1e; histone 1, H1e; H1 histone family, member 4
UniProt Protein Name	Histone H1.4
UniProt Gene Name	Hist1h1e
UniProt Synonym Gene Names	H1f4
UniProt Entry Name	H14_MOUSE

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/mouse-elisa-kits/h1-4-histone-h1-4/250191>