

Mouse Mecp2 (Methyl-CpG-binding protein 2) ELISA Kit | Mecp2 elisa kit

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CATALOG #
AAA27570

REACTIVITY
Mouse

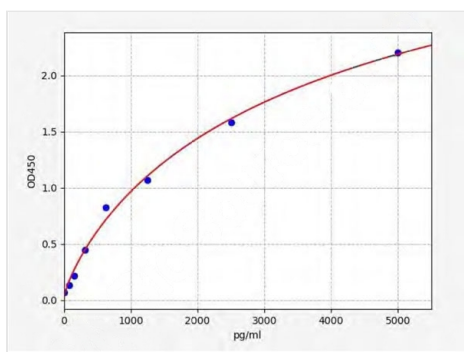
PRODUCT SYNONYMS

Mecp2 (Methyl-CpG-binding protein 2); Mouse Mecp2 (Methyl-CpG-binding protein 2) ELISA Kit; Mecp2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mecp2. No significant cross-reactivity or interference between Mecp2 and analogues was observed.
Sequence Length	486
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Mecp2 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 #	5419677
NCBI GeneID	4204
UniProt Accession #	P51608; O15233; Q6QHH9; Q7Z384
Molecular Weight	53,323 Da
NCBI Official Full Name	Methyl-CpG-binding protein 2
NCBI Official Synonym Full Names	methyl-CpG binding protein 2
NCBI Official Symbol	MECP2
NCBI Official Synonym Symbols	RS; RTS; RTT; PPMX; MRX16; MRX79; MRXSL; AUTSX3; MRXS13
NCBI Protein Information	methyl-CpG-binding protein 2
UniProt Protein Name	Methyl-CpG-binding protein 2
UniProt Gene Name	MECP2
UniProt Synonym Gene Names	MeCp-2 protein; MeCp2

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/mouse-elisa-kits/mecp2-methyl-cpg-binding-protein-2/27570>