

Human DNA replication licensing factor MCM2 ELISA Kit | MCM2 elisa kit

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CATALOG #
AAA98853

REACTIVITY
Human

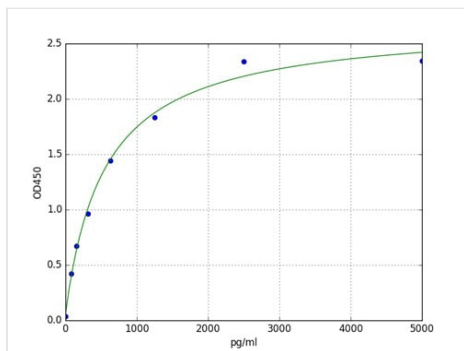
PRODUCT SYNONYMS

DNA replication licensing factor MCM2; Human DNA replication licensing factor MCM2 ELISA Kit; MCM2/DNA replication licensing factor MCM2/BM28/CCNL1/cdc19/CDCL1/Mitotin/CCNL 1/CDCL1mitotin/MCM2 minichromosome maintenance deficient 2; mitotin/minichromosome maintenance complex component 2/minichromosome maintenance deficient (S. cerevisiae) 2 (mitotin)/minichromosome maintenance deficient 2 (mitotin); MCM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	904
Assay Type	Sandwich ELISA, Double Antibody
Samples	cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
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



Typical Data & Standard Curve

Results of a typical standard run of a Human MCM2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.013	0.072	0.135	0.257	0.461	0.923	1.642	2.466

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCM2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human MCM2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MCM2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin 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 Human MCM2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MCM2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33356547
NCBI GeneID	4171
NCBI Accession #	NP_004517.2
NCBI GenBank Nucleotide #	NM_004526.3
Molecular Weight	101,896 Da
NCBI Official Full Name	DNA replication licensing factor MCM2
NCBI Official Synonym Full Names	minichromosome maintenance complex component 2
NCBI Official Symbol	MCM2
NCBI Official Synonym Symbols	BM28; CCNL1; CDCL1; cdc19; D3S3194; MITOTIN
NCBI Protein Information	DNA replication licensing factor MCM2
UniProt Protein Name	DNA replication licensing factor MCM2
UniProt Gene Name	MCM2
UniProt Synonym Gene Names	BM28; CCNL1; CDCL1; KIAA0030
UniProt Entry Name	MCM2_HUMAN

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/human-elisa-kits/dna-replication-licensing-factor-mcm2/98853>