

Human Structural maintenance of chromosomes protein 3 (SMC3) ELISA Kit | SMC3 elisa kit

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CATALOG #

AAA43877

REACTIVITY

Human

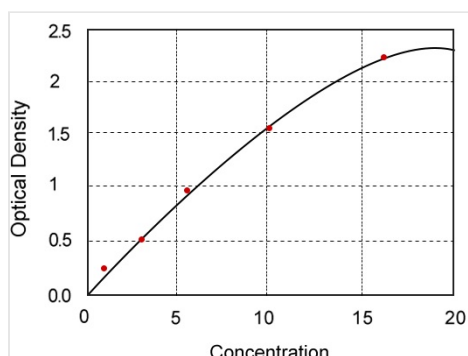
PRODUCT SYNONYMS

Structural maintenance of chromosomes protein 3 (SMC3); Human Structural maintenance of chromosomes protein 3 (SMC3) ELISA Kit; SMC3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1217
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.026ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SMC3 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Structural Maintenance of Chromosomes Protein 3 (also known as SMC3) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human SMC3 antibody. SMC3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human SMC3 Antibody is added and binds to SMC3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SMC3 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human SMC3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885399
NCBI GeneID	9126
NCBI Accession #	NP_005436.1
NCBI GenBank Nucleotide #	NM_005445.3
UniProt Accession #	Q9UQE7; O60464; Q5T482; A8K156
Molecular Weight	141,542 Da
NCBI Official Full Name	structural maintenance of chromosomes protein 3
NCBI Official Synonym Full Names	structural maintenance of chromosomes 3
NCBI Official Symbol	SMC3
NCBI Official Synonym Symbols	BAM; BMH; HCAP; CDLS3; CSPG6; SMC3L1
NCBI Protein Information	structural maintenance of chromosomes protein 3
UniProt Protein Name	Structural maintenance of chromosomes protein 3
UniProt Gene Name	SMC3
UniProt Synonym Gene Names	BAM; BMH; CSPG6; SMC3L1; SMC protein 3; SMC-3; Bamacan; hCAP

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.