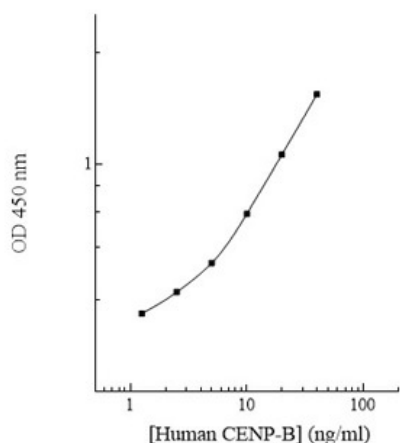


CENPB (Human) ELISA Kit

Catalog # KA6113

Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	CENPB (Human) ELISA Kit is a competitive enzyme-linked immunosorbent assay for quantitative measurement of human CENPB in cell culture and cell lysate.
Suitable Sample	cell culture and cell lysate
Sample Volume	50 μ L
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.625 to 40 ng/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Storage Instruction

Store components of the kit at 4°C or -20°C as described in the protocol.

Applications

- Quantification

Gene Info — CENPB

Entrez GeneID	1059
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Protein Accession#	P07199
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Gene Name	CENPB
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Gene Alias	-
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Gene Description	centromere protein B, 80kDa
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Omim ID	117140
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Gene Ontology	Hyperlink
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Gene Summary	<p>This gene product is a highly conserved protein that facilitates centromere formation. It is a DNA-binding protein that is derived from transposases of the pogo DNA transposon family. It contains a helix-loop-helix DNA binding motif at the N-terminus, and a dimerization domain at the C-terminus. The DNA binding domain recognizes and binds a 17-bp sequence (CENP-B box) in the centromeric alpha satellite DNA. This protein is proposed to play an important role in the assembly of specific centromere structures in interphase nuclei and on mitotic chromosomes. It is also considered a major centromere autoantigen recognized by sera from patients with anti-centromere antibodies. [provided by RefSeq]</p>
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Other Designations	OTTHUMP00000030132 centromere autoantigen B centromere protein B centromere protein B (80kD)
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