

Human RAD50 (DNA repair protein RAD50) ELISA Kit | RAD50 elisa kit

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CATALOG #
AAA250278

REACTIVITY
Human

PRODUCT SYNONYMS

RAD50 (DNA repair protein RAD50); Human RAD50 (DNA repair protein RAD50) ELISA Kit; DNA repair protein RAD50; Hrad50; RAD50; RAD50 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RAD50. No significant cross-reactivity or interference between RAD50 and analogues was observed.
Assay Type	Sandwich
Samples	Cell lysates, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 RAD50 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19924129
NCBI GeneID	10111
NCBI Accession #	NP_005723.2
NCBI GenBank Nucleotide #	NM_005732.3
UniProt Accession #	Q92878 ; O43254 ; Q6GMT7 ; Q6P5X3 ; Q9UP86 ; B9EGF5
Molecular Weight	150kDa
NCBI Official Full Name	DNA repair protein RAD50
NCBI Official Synonym Full Names	RAD50 homolog (S. cerevisiae)

NCBI Official Symbol	RAD50
NCBI Official Synonym Symbols	NBSLD; RAD502; hRad50
NCBI Protein Information	DNA repair protein RAD50
UniProt Protein Name	DNA repair protein RAD50
UniProt Gene Name	RAD50
UniProt Synonym Gene Names	hRAD50
UniProt Entry Name	RAD50_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://stage.aaabiotech.com/human-elisa-kits/rad50-dna-repair-protein-rad50/250278>