

Rat BRCA1 (Breast cancer type 1 susceptibility protein homolog) ELISA Kit | BRCA1 elisa kit

Rat BRCA1 (Breast cancer type 1 susceptibility protein homolog) ELISA Kit

CATALOG # AAA250023	REACTIVITY Rat
-------------------------------	--------------------------

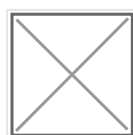
PRODUCT SYNONYMS

BRCA1 (Breast cancer type 1 susceptibility protein homolog); Rat BRCA1 (Breast cancer type 1 susceptibility protein homolog) ELISA Kit; Aromatic-L-amino-acid decarboxylase; AADC; DOPA decarboxylase; DDC; Ddc; BRCA1; BRCA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of BRCA1. No significant cross-reactivity or interference between BRCA1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, 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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BRCA1 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 #	399498500
-----------	-----------

NCBI GeneID	24311
NCBI Accession #	NP_001257781.1
NCBI GenBank Nucleotide #	NM_001270852.1
UniProt Accession #	P14173 ; Q6LEG4
Molecular Weight	54,053 Da
NCBI Official Full Name	aromatic-L-amino-acid decarboxylase isoform a
NCBI Official Synonym Full Names	dopa decarboxylase (aromatic L-amino acid decarboxylase)
NCBI Official Symbol	Ddc
NCBI Official Synonym Symbols	AADC
NCBI Protein Information	aromatic-L-amino-acid decarboxylase; L-Dopa decarboxylase
UniProt Protein Name	Aromatic-L-amino-acid decarboxylase
UniProt Gene Name	Ddc
UniProt Synonym Gene Names	AADC; DDC
UniProt Entry Name	DDC_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/brca1-breast-cancer-type-1-susceptibility-protein-homolog/250023>