

Rat Bisphenol A (BPA) ELISA Kit | BPA elisa kit

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CATALOG #
AAA180142

REACTIVITY
Rat

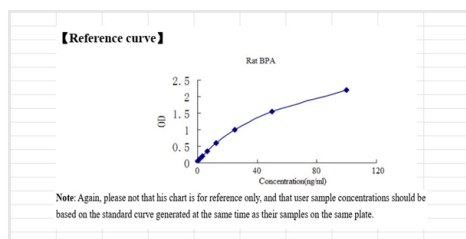
PRODUCT SYNONYMS

Bisphenol A (BPA); Rat Bisphenol A (BPA) ELISA Kit; BPA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	435
Assay Type	Sandwich
Detection Range	100 ng/mL-1.56 ng/mL
Sensitivity	Up to 0.5 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BPA elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat BPA monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

226000901

NCBI GeneID	2104
Molecular Weight	52,462 Da
NCBI Official Full Name	bisphenol A receptor ERRgamma2
NCBI Official Synonym Full Names	estrogen-related receptor gamma
NCBI Official Symbol	ESRRG
NCBI Official Synonym Symbols	ERR3; NR3B3; ERRgamma
NCBI Protein Information	estrogen-related receptor gamma; ERR gamma-2; estrogen receptor-related protein 3; nuclear receptor subfamily 3 group B member 3
UniProt Protein Name	Estrogen-related receptor gamma
UniProt Gene Name	ESRRG
UniProt Synonym Gene Names	ERR3; ERRG2; KIAA0832; NR3B3
UniProt Entry Name	ERR3_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/rat-elisa-kits/bisphenol-a-bpa/180142>