

Rat OXA ELISA Kit | OXA elisa kit

Rat OXA (Orexin A) ELISA Kit

CATALOG #
AAA164728

REACTIVITY
Rat

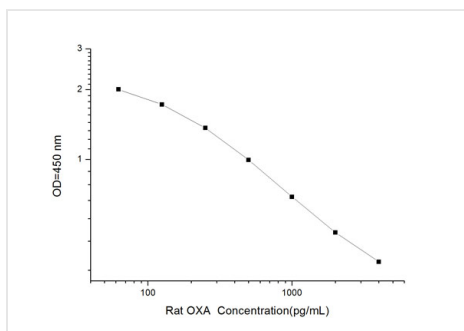
PRODUCT SYNONYMS

OXA; Rat OXA (Orexin A) ELISA Kit; OXA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat OXA. No significant cross-reactivity or interference between Rat OXA and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat OXA and all the analogues, therefore, cross reaction may still exist.
Sequence Length	266
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OXA elisa kit

Description: The kit is a competitive enzyme immunoassay for in vitro quantitative measurement of OXA in Rat serum, plasma and other biological fluids

Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Rat OXA. During the reaction, Rat OXA in the sample or standard competes with a fixed amount of Rat OXA on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat OXA. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Rat OXA in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	110592095
Molecular Weight	30,965 Da
NCBI Official Full Name	oxcillinase
UniProt Protein Name	Beta-lactamase
UniProt Gene Name	oxa
UniProt Entry Name	Q0PV34_PSEAI

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/oxa/164728>