

Mouse POMC (Proopiomelanocortin) ELISA Kit | POMC elisa kit

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CATALOG #
AAA271389

REACTIVITY
Mouse

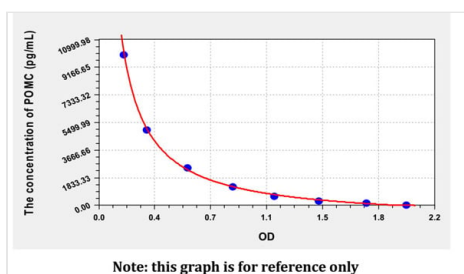
PRODUCT SYNONYMS

POMC (Proopiomelanocortin); Mouse POMC (Proopiomelanocortin) ELISA Kit; POC; NPP; ProOMC; ACTH; Pro-OMC; Pro Opiomelanocortin; Corticotropin-lipotropin; Corticotropin; Adrenocorticotrophic hormone; POMC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse POMC. No significant cross-reactivity or interference between Mouse POMC and analogues was observed.
Assay Type	Competitive
Detection Range	156.25-10000 pg/mL
Sensitivity	46.7 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for POMC elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Proopiomelanocortin(POMC) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Proopiomelanocortin(POMC). Next,Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Proopiomelanocortin(POMC) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for POMC elisa kit

[Endocrinology](#)

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/mouse-elisa-kits/pomc-proopiomelanocortin/271389>