

Mouse Creatinine ELISA Kit | CR elisa kit

Mouse Creatinine (CR) ELISA Kit

CATALOG #
AAA55927

REACTIVITY
Mouse

PRODUCT SYNONYMS

Creatinine; Mouse Creatinine (CR) ELISA Kit; CR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse Cr. No significant cross-reactivity or interference between Mouse Cr and analogues was observed.
Sequence Length	372
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.156 ug/mL - 10 ug/mL
Sensitivity	0.052 ug/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for CR elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate Cr in Mouse serum, plasma. An antibody specific for Cr has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Cr present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Cr is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Cr bound in the initial step. The color development is stopped and the intensity of the color is measured.

Intended Uses: For the quantitative detection of Mouse Creatinine (Cr) concentration in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	301637124
Molecular Weight	41,980 Da
NCBI Official Full Name	creatinine amidohydrolase, putative
UniProt Protein Name	Creatinine amidohydrolase, putative
UniProt Gene Name	Spirs_3463

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://www.aaabiotech.com/cr-mouse-elisa-kits/creatinine/55927>