

Porcine Cit ELISA Kit

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CATALOG #
AAA281501

REACTIVITY
Porcine

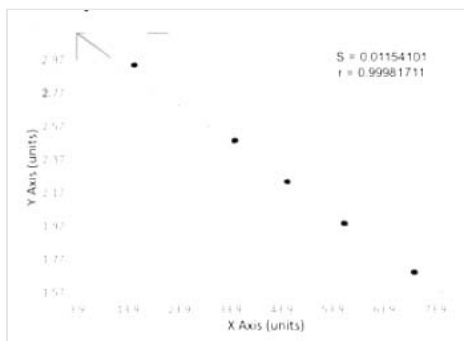
PRODUCT SYNONYMS

Cit; Porcine Cit ELISA Kit; Porcine Citrulline; Cit elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for the detection of Cit. No significant cross-reactivity or interference between Cit and any homologous proteins assayed has been observed. Cross-reactivity with other species has not been specifically determined.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, tissue homogenate, body fluid
Sensitivity	1.0ng/ml
Conjugate	HRP
Detection Principle	Colorimetric
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cit elisa kit

Principle of the Assay: The Cit ELISA is a quantitative competitive immunoassay. The plate provided is coated with Cit specific antibody. Standards and experimental samples are co-incubated in wells along with Cit-HRP conjugate. Cit in standards and samples competes with the Cit-HRP conjugate for binding to the plate-bound antibody. Higher levels of Cit from standards or samples lead to decreased Cit-HRP conjugate binding and thus reduced signal. Captured CitHRP is quantitatively detected by incubation with HRP substrates (substrates A and B). Binding of the Cit-HRP is visualized by production of colorimetric reaction products that can be quantitatively measured by EMR absorbance at 450nm.

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/porcine-elisa-kits/cit/281501>