

Porcine Haptoglobin ELISA Kit

Porcine Haptoglobin ELISA Kit

CATALOG #
AAA266541

REACTIVITY
Porcine

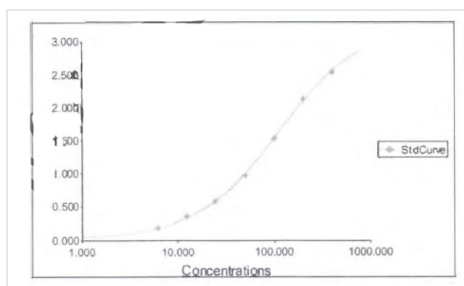
PRODUCT SYNONYMS

Haptoglobin; Porcine Haptoglobin ELISA Kit; Haptoglobin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Assay Type	Sandwich
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Haptoglobin elisa kit

Principle of the Assay: The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the haptoglobin (HPT) present in samples reacts with the anti-HPT antibodies, which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, anti-HPT antibodies conjugated with horseradish peroxidase (HRP) are added. These enzyme-labeled antibodies form complexes with the previously bound HPT. Following another washing step, the enzyme bound to the immunosorbent is assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of HPT in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of HPT in the test sample. The quantity of HPT in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution.

Intended Uses: The HTP test kit is a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring HPT in pig biological samples. If the ELISA is to be used outside the intended use, the user may need to optimize for said use.

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.