

Pig Cardiac troponin I (cTn-I) ELISA Kit

Catalog No: #EK11055



Package Size: #EK11055-1 48T #EK11055-2 96T

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Description

Product Name	Pig Cardiac troponin I (cTn-I) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Pig (Sus scrofa; Porcine)
Other Names	CMD2A; CMH7; MGC116817; RCM1; TNNC1; cTnI; familial hypertrophic cardiomyopathy 7 troponin I; cardiac

Application Details

Detect Range:31.25-2000 pg/mL

Sensitivity:16 pg/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate cTn-I in samples. An antibody specific for cTn-I has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anycTn-I present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for cTn-I 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 cTn-I bound in the initial step. The color development is stopped and the intensity of the color is measured.

Note: This product is for in vitro research use only