

Choline Acetyltransferase (ChAT) Assay Kit | ChAT assay kit

Choline Acetyltransferase (ChAT) Activity Assay Kit (Tissue Samples)

CATALOG #
AAA177788

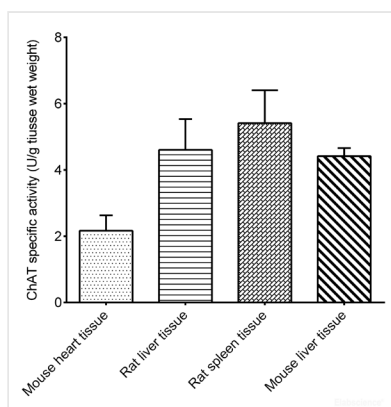
PRODUCT SYNONYMS

Choline Acetyltransferase (ChAT); Choline Acetyltransferase (ChAT) Activity Assay Kit (Tissue Samples); ChAT assay kit

PRODUCT SPECIFICATIONS

Specificity	96T (Can detect 48 samples without duplication)
Samples	Animal tissues sample
Detection Range	1.21-40 U/g fresh weight
Sensitivity	1.21 U/g
Intra-assay Precision	The intra-assay CV is 5.1%.
Inter-assay Precision	The inter-assay CV is 9.4%.
Preparation and Storage	Reagent2, 3, 6: -20 degree C; Others: 2-8 degree C. Valid for 12 months.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for ChAT assay kit

Principle of the Assay: Acetyl-CoA can react with choline under the catalysis of choline acetyltransferase (ChAT) to produce coenzyme A (CoA), CoA can combine with the 4, 4-dithiopyridine. The activity of ChAT can be calculated indirectly by measuring the OD value at 324 nm.

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.