

Product datasheet

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ARG82017 Trehalase Assay Kit Package: 96 wells Store at: 4°C

Summary

Product Description ARG82017 Trehalase Assay Kit is a detection kit for the quantification of Trehalase Activity in urine,

serum, plasma, tissue extracts, cell lysate and cell culture supernatants.

Tested Reactivity All

Tested Application FuncSt

Target Name Trehalase

Conjugation Note Read at 540 nm.

Sensitivity 0.5 mmol/l

Detection Range 0.5 - 5 mmol/l

Sample Type Urine, serum, plasma, tissue extracts, cell lysate and cell culture supernatants.

Sample Volume $40~\mu l$

Alternate Names EC 3.2.1.28; TREA; TRE; Alpha,alpha-trehalose glucohydrolase; Trehalase; Alpha,alpha-trehalase

Application Instructions

Assay Time 20 min

Properties

Form 96 well

Storage instruction Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test

reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual

for detail temperatures of the components.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol TREH

Gene Full Name trehalase (brush-border membrane glycoprotein)

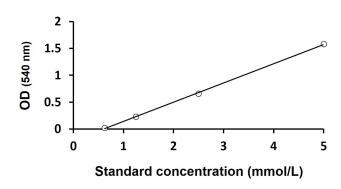
Background This gene encodes an enzyme that hydrolyses trehalose, a disaccharide formed from two glucose

molecules found mainly in fungi, plants, and insects. A partial duplication of this gene is located adjacent to this locus on chromosome 11. Two transcript variants encoding different isoforms have

been found for this gene. [provided by RefSeq, Jul 2014]

Function Intestinal trehalase is probably involved in the hydrolysis of ingested trehalose. [UniProt]

Cellular Localization Cell membrane; Lipid-anchor, GPI-anchor. [UniProt]



ARG82017 Trehalase Assay Kit typical data demonstration image

ARG82017 Trehalase Assay Kit results of a typical data with optical density reading at 540 nm.