

ARG82136 alpha amylase Activity Assay Kit (Colorimetric)

Package: 100 tests
Store at: -20°C

Summary

Product Description	ARG82136 alpha amylase Activity Assay Kit (Colorimetric) can be used to measure alpha Amylase activity in serum, saliva and urine.
Tested Reactivity	Hu, Ms, Rat, All
Tested Application	FuncSt
Target Name	alpha amylase
Conjugation Note	Read at 585 nm
Sensitivity	0.3 U/L
Detection Range	0.3 - 50 U/L
Sample Type	Serum, saliva and urine
Sample Volume	10 µl
Alternate Names	1,4-alpha-D-glucan glucohydrolase 1; Salivary alpha-amylase; AMY1; EC 3.2.1.1; Alpha-amylase 1

Application Instructions

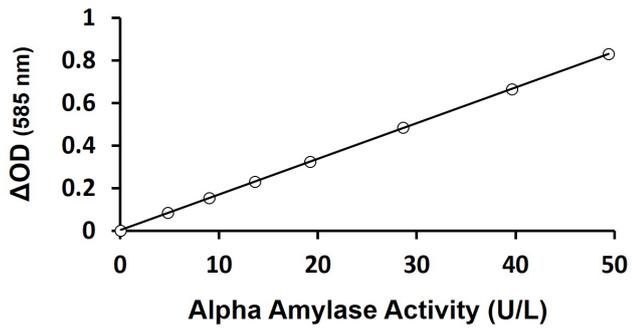
Application Note	Please note that this kit does not include a microplate.
Assay Time	40 min

Properties

Form	Liquid
Storage instruction	Store the kit at -20°C. 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	AMY1A
Gene Full Name	amylase, alpha 1A (salivary)
Background	Amylases are secreted proteins that hydrolyze 1,4-alpha-glucoside bonds in oligosaccharides and polysaccharides, and thus catalyze the first step in digestion of dietary starch and glycogen. The human genome has a cluster of several amylase genes that are expressed at high levels in either salivary gland or pancreas. This gene encodes an amylase isoenzyme produced by the salivary gland. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jul 2008]
Cellular Localization	Secreted. [UniProt]



ARG82136 alpha amylase Activity Assay Kit (Colorimetric) typical data demonstration image

ARG82136 alpha amylase Activity Assay Kit (Colorimetric) results of a typical data with optical density reading at 585 nm.