ARG82151
Ethanol Assay Kit (Colorimetric)

Package: 100 tests
Store at: -20°C

Summary

Product Description	ARG82151 Ethanol Assay Kit (Colorimetric) is a detection kit for the quantification of Ethanol in serum, plasma, urine and saliva.
Tested Reactivity	Hu, Ms, Rat, All
Tested Application	FuncSt
Target Name	Ethanol
Conjugation Note	Read at 565 nm (Enzymatic)
Sensitivity	0.0008%
Detection Range	0.03 - 0.1%
Sample Type	serum, plasma, urine and saliva
Sample Volume	10 µl

Application Instructions

Application Note	Please note that this kit does not include a microplate.
Assay Time	30 min

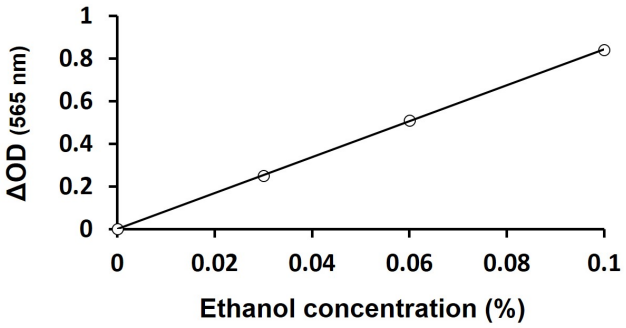
Properties

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

Background	A clear, colorless liquid rapidly absorbed from the gastrointestinal tract and distributed throughout the body. It has bactericidal activity and is used often as a topical disinfectant. It is widely used as a solvent and preservative in pharmaceutical preparations as well as serving as the primary ingredient in alcoholic beverages.
Function	Ethanol is a primary alcohol that is ethane in which one of the hydrogens is substituted by a hydroxy group. It has a role as an antiseptic drug, a polar solvent, a neurotoxin, a central nervous system depressant, a teratogenic agent, a NMDA receptor antagonist, a protein kinase C agonist, a disinfectant, a human metabolite, a Saccharomyces cerevisiae metabolite, an Escherichia coli metabolite and a mouse metabolite. It is a primary alcohol, an alkyl alcohol, a volatile organic compound and a member of ethanols. It is a conjugate acid of an ethoxide.

Images



ARG82151 Ethanol Assay Kit (Colorimetric) typical data demonstration image

ARG82151 Ethanol Assay Kit (Colorimetric) results of a typical data with optical density reading at 565 nm.