

ARG81306 LDH Cytotoxicity Assay Kit

Package: 960 assay
Store at: -20°C

Component

Cat. No.	Component Name	Package
ARG81306-001	LDH Cytotoxicity Assay Reagent	10 ml
ARG81306-002	10% Triton X-100 Solution	10 ml

Summary

Product Description	ARG81306 LDH Cytotoxicity Assay Kit can be used to detect cytotoxicity in cell culture supernatant.
Tested Reactivity	All
Tested Application	FuncSt
Target Name	LDH Cytotoxicity
Conjugation Note	Read at 450 nm.
Sample Type	Cell culture supernatant.
Sample Volume	90 µl

Application Instructions

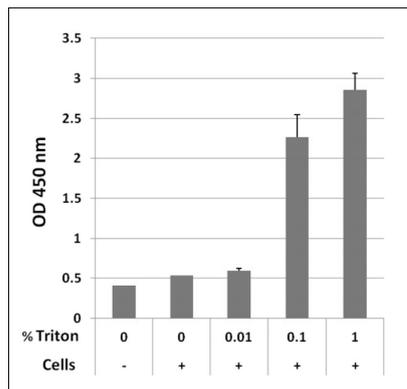
Assay Time	40 min - 4 hours
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Properties

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	Lactate dehydrogenase (LDH or LD) is an enzyme found in nearly all living cells. LDH catalyzes the conversion of pyruvate to lactate and back, as it converts NAD ⁺ to NADH and back. A dehydrogenase is an enzyme that transfers a hydride from one molecule to another.
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ARG81306 LDH Cytotoxicity Assay Kit Functional study image

HEK 293 cells were seeded at 20000 cells per well and allowed to grow for 24 hours. After adding various concentrations of Triton X-100, LDH Cytotoxicity Assay Reagent was added. Cells were incubated for 30 minutes at 37°C and 5% CO₂, and then read on a colorimetric plate reader.