

ARG83612
BPDE ELISA KitPackage: 96 wells
Store at: 4°C, -20°C

Summary

Product Description	ARG83612 BPDE ELISA Kit is an Enzyme Immunoassay kit for the quantification of all sample BPDE in tissue/cell lysate samples.
Tested Reactivity	All
Tested Application	ELISA
Target Name	BPDE
Conjugation	HRP
Conjugation Note	Read at 450 nm.
Sensitivity	1 ng/ml
Sample Type	Tissue/cell lysate samples.
Standard Range	1.56- 50 ng/ml
Sample Volume	50 µl
Alternate Names	Benzo[A] Pyrene-Diol Epoxide; Benzo Pyrene Dihydrodiol Epoxide; BPDE

Properties

Form	Liquid
Storage instruction	Store the kit at 4°C, -20°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

Background	BPDE is a polycyclic aromatic hydrocarbon and metabolite of benzo(a)pyrene with potent cytotoxic and mutagenic properties. Benzo(a)pyrene-7,8-diol-9,10-epoxide binds directly to DNA and disrupts DNA replication.
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