

Product datasheet

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ARG83226 Mouse BID ELISA Kit

Package: 96 wells Store at: 4°C

Summary

Product Description ARG83226 Mouse BID ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse BID in

Serum, Plasma and Cell culture supernatants.

Tested Reactivity Ms

Tested Application ELISA

Specificity There is no detectable cross-reactivity with other relevant proteins.

Target Name Bid

Conjugation HRP

Conjugation Note Substrate: TMB and read at 450 nm.

Sensitivity 15 pg/ml

Detection Range 31.2 pg/ml - 2,000 pg/ml

Sample Type Serum, Plasma and Cell culture supernatants

Precision Intra-Assay CV: 5.2%

Inter-Assay CV: 5.5%

Alternate Names p22 BID; BID; p15 BID; p11 BID; BH3-interacting domain death agonist; p13 BID; FP497

Application Instructions

Assay Time ~ 5 hours

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 BID

Gene Full Name BH3 interacting domain death agonist

Background This gene encodes a death agonist that heterodimerizes with either agonist BAX or antagonist BCL2.

The encoded protein is a member of the BCL-2 family of cell death regulators. It is a mediator of mitochondrial damage induced by caspase-8 (CASP8); CASP8 cleaves this encoded protein, and the COOH-terminal part translocates to mitochondria where it triggers cytochrome c release. Multiple alternatively spliced transcript variants have been found, but the full-length nature of some variants has

not been defined.

Highlight Related Antibody Duos and Panels:

ARG30275 Pro-apoptotic Bcl2 protein Antibody Panel (BAX, BAK, Bid)

Related products:

<u>Bid antibodies;</u> <u>Bid Duos / Panels;</u> <u>Anti-Rabbit IgG secondary antibodies;</u>

Research Area Cancer antibody; Cell Biology and Cellular Response antibody; Cell Death antibody; Metabolism

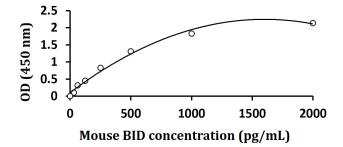
antibody; Apoptosis Marker antibody; Pro-apoptotic Bcl2 protein antibody

PTM TNF-alpha induces a caspase-mediated cleavage of p22 BID into a major p15 and minor p13 and p11

products.

p15 BID is ubiquitinated by ITCH; ubiquitination results in proteasome-dependent degradation.

Images



ARG83226 Mouse BID ELISA Kit standard curve image

ARG83226 Mouse BID ELISA Kit results of a typical standard run with optical density reading at 450 nm.