

Anti-Isoniazid Antibody

CATALOG NO.: A1971-30T (30 µg Trial size)
A1971-100 (100 µg)

BACKGROUND DESCRIPTION: Isoniazid, also known as isonicotinylhydrazide (INH), is a key drug used for the treatment of the deadly infectious disease tuberculosis (TB). INH is a pro-drug and its mechanism of action is to interact with the co-factor NADH to form the nicotinoyl-NADH adduct. This adduct can bind tightly to the enoyl-acyl carrier protein reductase InhA and inhibit the cell wall synthesis in the bacterium called *Mycobacterium tuberculosis*.

ALTERNATE NAMES: Isonicotinylhydrazide, INH

ANTIBODY TYPE: Polyclonal

HOST/ISOTYPE: Rabbit / IgG

IMMUNOGEN: Isoniazid-KLH conjugate

MOLECULAR WEIGHT: 66 kDa

PURIFICATION: Affinity purified

FORM: Liquid

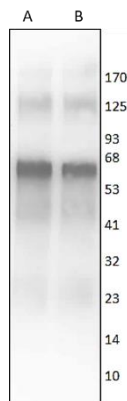
FORMULATION: In PBS with 0.01% BSA, 0.03% Proclin, 50% glycerol, pH 7.2

SPECIES REACTIVITY: Human

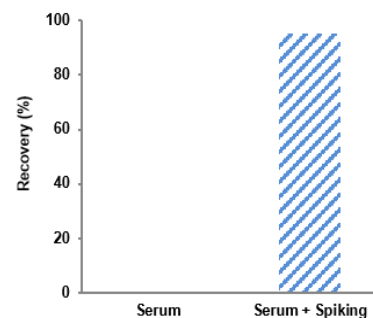
STORAGE CONDITIONS: Store at -20°C. Avoid freeze / thaw cycles

APPLICATIONS AND USAGE: WB 1:1000, ELISA 1:15,000

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user



Western Blot analysis of BSA-Isoniazid Conjugate 50ng (A) and 25ng (B) by Anti-Isoniazid antibody.



Recovery assay for Isoniazid (INH) by competitive ELISA. Human serum samples: neat or spiked with Isoniazid (4 µg/ml) yielded > 90% recovery.

RELATED PRODUCTS:

Anti-RBP4 Antibody (A1400)
 C-reactive/CRP Monoclonal Antibody (A1208)
 Isoniazid ELISA Kit (E4765)
 VEGF Antibody (5363)

FOR RESEARCH USE ONLY! Not to be used on humans

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