

Product Data Sheet

D-3-Hydroxybutyrate Dehydrogenase

Catalog #	Source	Reactivity	Applications
CZM1014	Pseudomonas sp		
Description	Recombinant D-3-Hydroxybutyrate Dehydrogenase from Pseudomonas sp		
Specificity	>1000 U/mg protein, >100 U/mg powder		
Form	Lyophilized powder		
Alternative Names	EC 1.1.1.30; HBDH; (R)-3-hydroxybutanoate: NAD ⁺ oxidoreductase; NAD ⁺ -beta-hydroxybutyrate dehydrogenase; hydroxybutyrate oxidoreductase; beta-hydroxybutyrate dehydrogenase; D-beta-hydroxybutyrate dehydrogenase; D-3-hydroxybutyrate dehydrogenase; D-(-)-3-h		
CAS Number	9028-38-0		
Molecular Weight			
Purity	>90%		
Unit Definition	One unit is defined as the amount of enzyme will oxidize 1 μmole D- β -hydroxybutyric acid in the presence of NAD ⁺ per min at pH 8.0, 25° C.		
Storage/Stability	Shipped at 4° C. Store at -20° C for 2 years.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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