

Active Native Horseradish Peroxidase (HRP), IVD-grade

Cat. No. HRP-8336h **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HRP consists of the basic isoenzyme having molecular weight of 44 kDa. The Horseradish Peroxidase is purified by affinity chromatography, which results in an enzyme of high specific activity and purity.
Species	Horseradish
Source	horseradish
Description	The enzyme horseradish peroxidase (HRP), found in horseradish, is used extensively in biochemistry applications primarily for its ability to amplify a weak signal and increase detectability of a target molecule.
Bio-activity	>400U/mg (One unit will form 1.0 mg Purpurogallin from Pyrogallol in 20 seconds at pH 6.0 at 20 deg C)
Purity	(A403/A278) = RZ: 3.4.
Notes	IVD
Storage	Lyophilized HRP although stable at room temperature for weeks, should be stored desiccated below -18 °C. Upon reconstitution HRP should be stored at 4 °C between 2-7 days and for future use below -18 °C. Please prevent freeze/thaw cycles.
Reconstitution	It is recommended to reconstitute the lyophilized HRP in sterile H ₂ O not less than 100

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µg/ml or more than 10 mg/ml solutions.

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