

HRP Stability Conjugate Reagent ab171537

1 Image

Overview

Product name	HRP Stability Conjugate Reagent
Tested applications	Suitable for: ELISA Unsuitable for: IHC-Fr or IHC-P
General notes	<p>Abcam's HRP Stability Conjugate Reagent (ab171537) was developed specifically for Horseradish Peroxidase (HRP) conjugates in solution. ab171537 is readily incorporated into virtually any assay production protocol. Conjugates can be added directly to ab171537 and are then ready for storage and use. It is also an excellent diluent, and often decreases background and increases signal for improved signal-to-noise ratios. ab171537 prevents the loss of catalytic activity while it maintains the conformation of the antibody or protein-antigen portion of the conjugate.</p> <p><u>98% Proprietary component</u></p> <p>Recommendations for Use of ab171537 HRP Stability Conjugate Reagent</p> <p>For optimal stability and performance, use ab171537 at 100% concentration Dilute your HRP conjugate to optimum working concentration in the HRP Stability Conjugate Reagent solution Use diluted conjugate working solution in your assay as normal Or, preferably, store away from direct light at room temperature and use as a stock solution for optimum assay-to-assay consistency</p> <p>NOTE – When storing any conjugate/ HRP Stability Conjugate Reagent solution for an extended period of time: If a phosphate buffer is used for dilution we recommend a final concentration of no more than 5 mM buffer to avoid the possibility of initiating precipitation.</p>

Properties

Form	Liquid
Storage instructions	Store at room temperature.
Storage buffer	pH: 6.20 Preservative: 0.02% 5-Bromo-5-nitro-1,3-dioxane Constituents: 0.02% 2-methyl-4-isothiazolin-3-one, 0.0024% StabilZyme® HRP Conjugate Stabilizer
	Further information: Complete pH range: 6.2 - 6.7

98% Proprietary component
Contains BSA

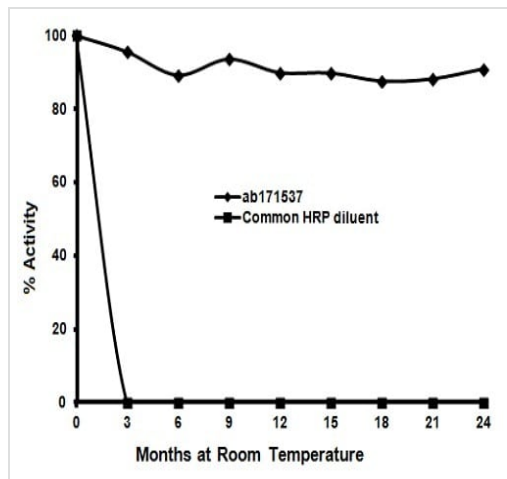
Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab171537 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration.

Application notes Is unsuitable for IHC-Fr or IHC-P.

Images



HRP Stability Conjugate Reagent (ab171537) efficacy was verified by real-time stability studies that included independent testing of the enzyme activity and the immunological activity by ELISA.

The studies were conducted using a monoclonal IgG-HRP conjugate. Results of these analyses indicate superior performance of ab171537 compared to a common HRP conjugate diluent. The monoclonal IgG-HRP conjugate retained over 90% of its activity when stored in HRP Stability Conjugate Reagent for 24 months at room temperature.

ELISA - HRP Stability Conjugate Reagent
(ab171537)

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