KRIBIOLISA™
HRP CONJUGATE STABILIZER

REF : KB-HRP10
Ver 1.0
RUO

For Research Use Only
Catalog Number

Store At
Batch Code

Manufactured By
Biological Risk

Expiry Date
Consult Operating Instructions

Purchase does not include or carry the right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written authorization of KRISHGEN BioSystems is strictly prohibited.

KRISHGEN BioSystems
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Introduction:
Kribiolisa™ conjugate/protein stabilizers help in stabilizing the conjugate by preventing the loss of catalytic activity and maintaining the structural integrity of the protein(s) in solution. These stabilizers allow for the storage of conjugated proteins at lower use concentrations, extended shelf life and increased signal-to-noise ratios for improved assay performance.

The KRIBIOLISA™ HRP Conjugate Stabilizer is optimized to maintain the conformation of antibodies/antigens conjugated to horseradish peroxidase (HRP) in solution. Adding the conjugate directly into the HRP Conjugate Stabilizer allows for stable storage of the conjugate at a working concentration and eliminates the need for subsequent dilutions.

Intended Use:
The KRIBIOLISA™ HRP Conjugate Stabilizer is used to stabilize and maintain the conformation of antibodies/antigens conjugated to horseradish peroxidase (HRP) in solution.

Materials Provided:
1. HRP Conjugate Stabilizer – 1000 ml
2. Instruction Manual

Storage Information:
Product Stability: Stable for 2.5 years from date of manufacture.
Storage: Product should be stored at 2-8°C. Exposure to direct sunlight and other UV sources should be avoided due to the light sensitive nature of the TMB molecule.

Notes
Please note the KRIBIOLISA™ TMB substrates are shipped to customers at ambient temperatures. Extensive stability studies have shown that prolonged storage at ambient temperature will not affect the product quality or efficacy.

Recommendations for Use:
Allow the substrate to equilibrate at room temperature (~25°C) prior to use.

Procedure for Use:
The following are general guidelines only.
1) Use Kribiolisa™ HRP Conjugate Stabilizer at 100% concentration for optimal stability and performance.
   • 10 mM MOPS or deionized water should be used if the product is diluted.
   • If a phosphate buffer is used, it is recommended the final phosphate concentration be no higher than a 5 mM buffer.
   • If necessary, adjust the pH of the solution to align with the properties of the protein for optimal performance.
2) Dilute the HRP conjugate/protein/antibody coated particles to a working concentration in the Kribiolisa™ HRP Conjugate Stabilizer solution.
3) Use the diluted conjugate solution according to the lab-defined protocol for the assay.
4) For optimal performance, store the conjugate solution at 2-8°C and protect from direct exposure to light.

Additional Considerations:
An accelerated stability test is recommended to adequately assess the stability of the conjugate in solution. Samples are stored at 37°C and 4°C for up to 90 days (longer if you prefer). At set intervals, the percent retained activity is calculated by dividing the 37°C sample optical density (O.D.) by the 4°C sample O.D. and plotted over time.

For technical assistance and support, contact us at sales@krishgen.com
LIMITED WARRANTY
Krishgen Biosystems does not warrant against damages or defects arising in shipping or handling, or out of accident or improper or abnormal use of the product; against defects in products or components not manufactured by Krishgen Biosystems, or against damages resulting from such non-Krishgen Biosystems made products or components. Krishgen Biosystems passes on to customer the warranty it received (if any) from the maker thereof of such non-Krishgen made products or components. This warranty also does not apply to product to which changes or modifications have been made or attempted by persons other than pursuant to written authorization by Krishgen Biosystems.

THIS WARRANTY IS EXCLUSIVE. The sole and exclusive obligation of Krishgen Biosystems shall be to repair or replace the defective product in the manner and for the period provided above. Krishgen Biosystems shall not have any other obligation with respect to the products or any part thereof, whether based on contract, tort, and strict liability or otherwise. Under no circumstances, whether based on this Limited Warranty or otherwise, shall Krishgen Biosystems be liable for incidental, special, or consequential damages.

This Limited Warranty states the entire obligation of Krishgen Biosystems with respect to the product. If any part of this Limited Warranty is determined to be void or illegal, the remainder shall remain in full force and effect.

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