



PEROXIDASE PROTECTIVE BUFFER CERTIFICATE OF ANALYSIS

CATALOG NUMBER:	EPA100	QUANTITY:	500 mL
LOT NUMBER:			
pH:	7.2		
APPEARANCE:	Clear straw-colored liquid		
DESCRIPTION:	Peroxidase Protective Buffer is a diluent formulated to stabilize the activity of Millipore horseradish peroxidase (HRP)-antibody conjugates at high conjugate dilution for extended periods.		
APPLICATIONS:	HRP conjugated antibodies may be diluted up to 1:16,000 in Peroxidase Protective Buffer. Diluted conjugates are stable for at least 3 months when stored at 2 - 8°C. The buffer is suitable for direct use in ELISA. It is recommended that the HRP conjugated antibody is diluted with Peroxidase Protective Buffer and allowed to stand for 24 hours at 2-8°C to attain constant stability before use. Peroxidase Protective Buffer is compatible with blocking agents such as skim milk powder, Tween 20 and normal serum. However HRP conjugates should not be stored in the presence of these blocking agents. They should be added just prior to use in the assay.		
PRESENTATION:	Peroxidase Protective Buffer contains 0.5% (w/v) bovine serum albumin, antimicrobial preservatives and stabilizing compounds in phosphate buffered saline, pH 7.2.		
STORAGE/HANDLING:	Store at +2 to +8°C for up to 1 year from date of receipt. Keep tightly closed away from light. Avoid contamination of HRP conjugate solutions with heavy metal ions, aromatic chlorocarbons or hypochlorous acids. Avoid containers made of soda glass or polystyrene. Storage of diluted conjugates in borosilicate glass is recommended. Efficient washing steps should follow HRP conjugate incubations. In ELISA, at least four thorough wash cycles are recommended.		

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.



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PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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