

**Certificate of Analysis****Product:** 10X TBS Fish Gel Concentrate (Azide and Mercury free)**Code:** MB-067-0100**Lot #** 18156**Size:** 100 ml**Physical State:** Liquid (sterile filtered)

**Background:** Highly sensitive ELISA assays require minimal non-specific interactions. Non-specific binding results in elevated background levels and a decrease in signal-to-noise ratios. Blocking reagents act to minimize non-specific interactions of secondary reactants with each other and with the primary solid phase binding sites. Rockland offers several options for antibody diluents in multiple buffer configurations that effectively block non-specific interactions and minimize background. Multiple formulations offer greater flexibility in experimental design.

**Buffer Composition:** 10X TBS Fish Gel Concentrate consists of 1.0 M Tris hydrochloride, 1.5 M sodium chloride and Fish Gelatin at pH 7.5. A proprietary combination of stabilizers and preservatives are used that are azide and mercury free.

**Application(s):** 10X TBS Fish Gel Concentrate is to be used as an ELISA blocking reagent and/or antibody diluent to improve the signal-to-noise ratio of ELISA assays.

**Recommended Dilution(s):** This product is a 10X concentrated stock solution. Prepare a 1X working solution by diluting 1 part 10X concentrate with 9 parts distilled-deionized water or equivalent.

**Storage Conditions:** Store container at 4° C before opening. Expiration date is six (6) months from date of receipt if properly handled and stored.

**Sterilization:** This product was aseptically filtered through a Millipore 0.22 micron filter into clean, pre-sterilized containers. The product was tested on trypticase soy agar for 24 hours, 48 hours and 72 hours and was found to be negative for bacteria.

**Related Products:**

<a href="#">#MB-065-0100</a>	10X BBS Fish Gel Concentrate (Azide and Mercury free)
<a href="#">#MB-065-1000</a>	10X BBS Fish Gel Concentrate (Azide and Mercury free) 10-PACK (10 x 100 ml)
<a href="#">#MB-066-0100</a>	10X PBS Fish Gel Concentrate (Azide and Mercury free)
<a href="#">#MB-066-1000</a>	10X PBS Fish Gel Concentrate (Azide and Mercury free) 10-PACK (10 x 100 ml)
<a href="#">#MB-067-0100</a>	10X TBS Fish Gel Concentrate (Azide and Mercury free)
<a href="#">#MB-067-1000</a>	10X TBS Fish Gel Concentrate (Azide and Mercury free) 10-PACK (10 x 100 ml)
<a href="#">#610-103-121</a>	HRP Conjugated Affinity Purified Anti-MOUSE IgG (H&L) (GOAT) MX10
<a href="#">#611-103-122</a>	HRP Conjugated Affinity Purified Anti-RABBIT IgG (H&L) (GOAT) MX10
<a href="#">#B501-0500</a>	500 g      BLOTTO
<a href="#">#B304</a>	10 ml      NORMAL GOAT SERUM (NGS)
<a href="#">#MB-070</a>	Blocking Buffer for Fluorescent Western Blotting

**USDA Certification:** All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation.

**Note:** This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.