

# Synthetic Blocking Buffer, Blotting

BUFFERS & STABILIZERS

**Membrane Blocker, Protein Free**

Cat. No. 4650

**Lot No.:** xxxxxxXxx

**Date of manufacture:** mm-yyyy

**Expiry date:** mm-yyyy (When stored at 2-8 °C in an unopened bottle)

**Analysis:** The blocking buffer is analyzed for blocking effectiveness in a semi-quantitative dot blot test. It is furthermore analyzed for consistent pH and appearance. Only the procedure for the dot blot is described in the CoA.

**Dot blot:** Nitrocellulose strips are dotted with dilutions of Human IgG. Following the strips are blocked for 20 min, one strip with Synthetic Blocking Buffer, Blotting, while another strip is blocked with a reference. After blocking the strips are incubated in a Rabbit anti-human IgG-HRP dilution. Subsequently the dots are developed with a TMB blotting substrate and visually inspected. If the background on the strip is light blue and all dots are visible and of the same intensity as the dots on the reference, the analysis is passed.

**Specifications:**

Dots:	All dots are visible and of the same intensity as the dots on the reference
Background:	Light blue
Appearance:	Clear solution with no distinct color
pH:	8.5 – 8.7

**Results:**

Dots:	<u>Passed</u>
Background:	<u>Passed</u>
Appearance:	<u>Passed</u>
pH:	<u>x.x</u>

**Storage:** Short-term storage: Ambient; protected from light.  
Long-term storage: 2-8 °C; protected from light.

It is hereby confirmed that the product was manufactured according to our standard operating procedures and that the product complies with all specifications.

**Performed by:** \_\_\_\_\_ **Date:** dd-MMM-yyyy **Signature:** XX

**Approved by:** \_\_\_\_\_ **Date:** dd-MMM-yyyy **Signature:** XX

Our immunoassay solutions are environmentally conscious, creating a safer work environment while helping our customers fulfill significant regulatory requirements.  
**We call it ECO-TEK!**



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