

# Synthetic Blocking Buffer, ELISA

## BUFFERS &amp; STABILIZERS

**Microwell Blocker**

Cat. No. 4520

Lot No.: XXXXXXDate of manufacture: XX-XXXXExpiry date: XX-XXXX (When stored at 2-8 °C in an unopened bottle)**Analysis:**

The Non Specific Binding (NSB) is determined in a 1-layer ELISA. All wells are blocked by adding the Synthetic Blocking buffer. 1. layer is a Rabbit anti human IgG-HRP diluted in a PBS Buffer. 100 µL TMB PLUS2 substrate is added to each well and incubated for 13 minutes. The reaction is stopped by addition of 100 µL 0.2 M sulfuric acid. The absorbance is read at 450/620 nm.

**Specifications:**

NSB: Abs < 0.150  
pH: 7.1 – 7.3  
Color: Clear solution with no distinct color.

**Results:**

NSB: \_\_\_\_\_  
pH: \_\_\_\_\_  
Color: \_\_\_\_\_

**Storage:**

Short-term storage: Ambient.  
Long-term storage: 2-8 °C.

**Performed by:**

Date: xx-xxx-2021 Signature: xx

**Approved by:**

Date: xx-xxx-2021 Signature: xx



Our Immunoassay Solutions are eco-friendly, creating a healthy work environment and preserving natural resources, while helping our customers fulfill significant regulatory requirements. **We call it ECO-TEK.**

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