



# Certificate of Analysis

500 First BLVD, Wilmington, DE, 19804  
Website: [www.labbioreagents.com](http://www.labbioreagents.com)  
Email: [tech@labbioreagents.com](mailto:tech@labbioreagents.com)

## ***LowBinding Buffer-IV***

**Assay diluent for reducing nonspecific binding, cross-reactivities and matrix effects in immunoassays**

Catalog No	LBA-004-0250
Lot No	L118753358
PH	7.2 ± 0.2
Storage	2-8°C
Expiration	After receiving, 12 months for unopened and 6 months for opened

### **Fields of application**

ELISA, IHC, Western Blot and Protein Array.

### **Instructions for use**

- *LowBinding buffer IV* reduces low-affinity bindings and offers a smooth reduction of non-specific signal. Thus it fits the immunoassay that capture and detection reagents have moderate binding affinity to analyte ( $K_d > 10^{-7}$  M). In the assay, the specific signal is not depressed.
- When the capture and detection reagents have high binding affinity to analyte ( $K_d < 10^{-10}$  M), *LowBinding buffer II, III and V* are recommended.

### **Quality Control**

Quality System Department    Date: 01-June-2020

**Laboratory reagent for in vitro research use. Not for use in diagnostic procedures.**