

# ImmunoBooster™

Bioworld Consulting Laboratories LLC, introduces a line of ImmunoBooster™ buffers (Patent Pending) which reduces the processing time of traditional immunoassays such as ELISA, Western Blott, Immunostaining and Immunoprecipitation, from hours to minutes. Contact us for further information.

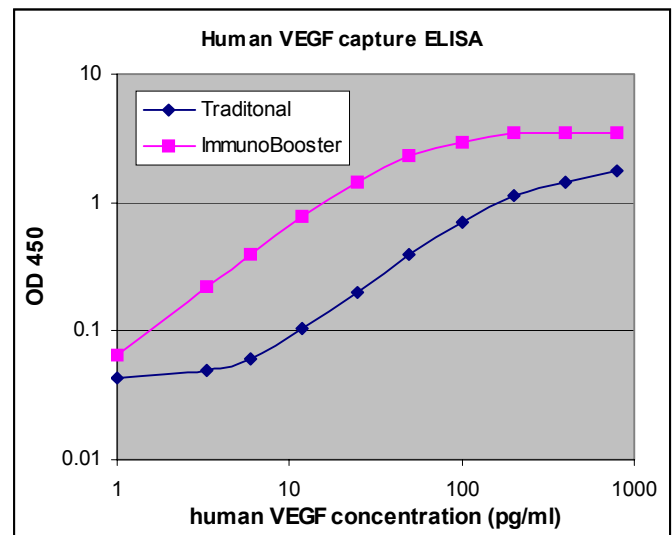
**Time Saving** Incubation times are 5-10 minutes per antibody. A typical ELISA or Western blot takes only 15-20 minutes and Immunoprecipitation only 5 minutes. Supernatants from hybridomas can be screened for antibody production in less than 10 minutes.

**Sensitive** Generally, two to eight fold higher sensitivity than regular ELISA or Western blot.

**Simple** Just replace the regular antibody or antigen diluent with the ImmunoBooster™ buffer.

**Compatible** Works well with mouse, rabbit, human and other antibodies. It also works with enzyme or fluorescence labeled antibodies, with protein A or G and with biotin-avidin system.

**Reliable** Reproducible results. CV for ELISA assays are less than 10%.



ELISA kit from a major commercial vendor was tested according to the recommended protocol for the Traditional assay. Incubation times were 2 hours for the capture and 2 hours for the detection antibody.

**TOTAL Time 4 hours**

For the ImmunoBooster assay the diluents for the capture and detection antibody were replaced with the ImmunoBooster buffers. Incubation times were 10 minutes each. **TOTAL Time 20 minutes**

## ImmunoBooster™ Reagents

### ImmunoBooster for Western blots

Quantity		Catalog#
500 ml	enough for 50 miniblots	RWA-500

### ImmunoBooster for ELISA

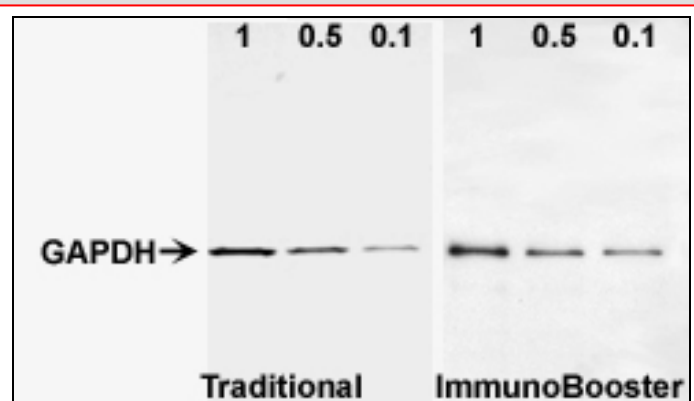
Quantity		Catalog#
500 ml	enough for 25 ELISA plates	IBE-25

### ImmunoBooster for IFA, IHC AND IP

Quantity		Catalog#
50 ml		BIFA-50

### ImmunoBooster for hybridoma screening

Quantity		Catalog#
250 ml	enough for 25 ELISA plates	HSIB-25



The detection sensitivity for GAPDH was compared using the Traditional Western blot protocol and ImmunoBooster protocol. The lanes contained 1, 0.5, and 0.1 µg of Raji cell lysate. Traditional Western: 2 hours; anti-GAPDH diluted 1/2,000. ImmunoBooster Western: 20 minutes; anti-GAPDH diluted 1/4,000