

Non-Mammalian Blocking Buffers

Arlington Scientific's non-mammalian blocking buffers for *research and manufacturing use*, are effective in preventing cross-reactivity with mammalian proteins and antibodies by reducing background interferences.

Formula Specifics:

Buffer Base: *Tris Buffered Saline vs Phosphate Buffered Saline*

- Arlington Scientific has multiple formulas which include both Tris and PBS based buffers within their respective pH ranges. Tris is recommended for targets that may be phosphorylated.

Preservative: *Azide and Azide Free (which incorporates Proclin 300 as the preservative)*

- Depending on the type of conjugate used, Azide-free may be a good choice, especially for use with HRP (horseradish peroxidase).

Surfactant: *Without surfactant or with (Surfynol 485 for PBS, Tween 20 for Tris)*

- Using a buffer with a surfactant can reduce non-specific interactions such as hydrophobic interactions between blocking proteins and antigens or antibodies.
- Blocking buffers with surfactants are NOT recommended for Western Blot assays.

Serum/Plasma Free:

- A good option if using an assay that includes a biotinylated platform.

Catagories:

Aquatic Block (EIA, ELISA, Western Blot) Superior performance, sensitivity and stability.

Aquatic Block Serum Free (Lateral Flow, EIA) A universal blocking reagent with superior stability and flow characteristics.

Balance Blocker (EIA, Western Blot, Lateral Flow) A universal blocking reagent for diagnostic and research systems. Superior blocking and sensitivity.

Aqua Block (Western Blot, EIA, Chemiluminescence) Superior performance in sensitive assay systems.

Sample Kit 100 ml samples each of Aquatic Block (Tris, PBS), Aquatic Block Serum Free (Tris, PBS), Balance Blocker (Tris, PBS).

Learn more:

Arlington Scientific

(800) 654-0146

www.arlingtonscientific.com/blocking-buffers

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