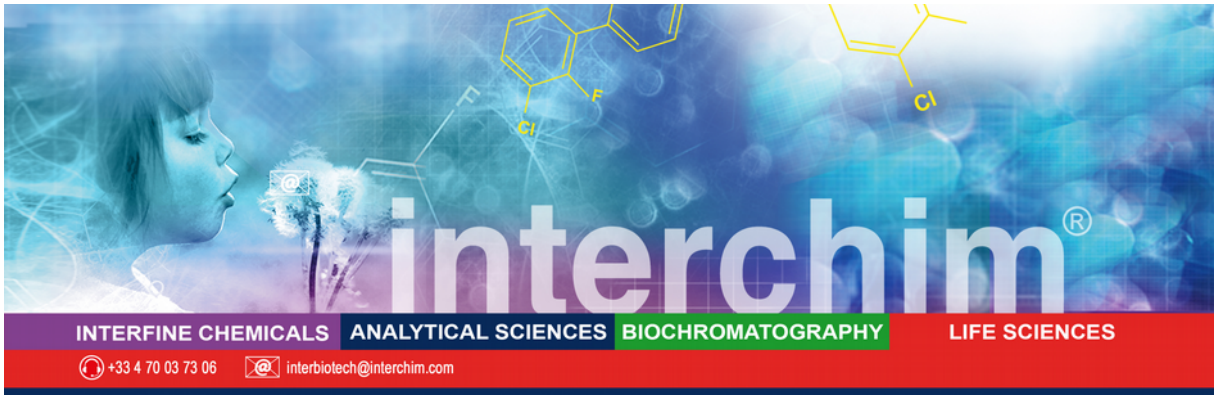
FT-LO8970



Super G Blocking Buffer

For Protein Microarrays or Western Blots, on nitrocellulose or PVDF membrane.

Product Description

Name :	**Super G Blocking Buffer**
Catalog Number :	FP-LO8970, 100 ml FP-LO8971, 500 ml

Storage: Stored at 4°C once received. It may be stored at that temperature for at least 12 months.

Introduction

Super G Blocking Buffer is a non-protein based reagent designed to block non-specific protein binding on porous nitrocellulose substrates. It has been developed specifically for enhancing multiplexed fluorescent assays, and is supplied as a 1X solution, ready to use out of the bottle, for microarray applications.

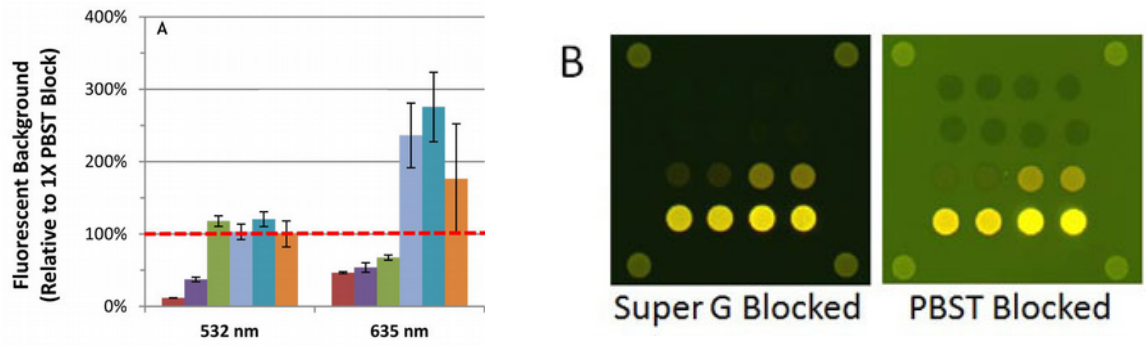


Figure 1. Background fluorescence using Super G Blocking Reagent are 3- to 10-fold lower at 532 nm and up to 6-fold lower at 635 nm (Panel A). Typical blocking results with Super G are seen in Panel B where Super G blocking is clearly superior to PBST blocking.

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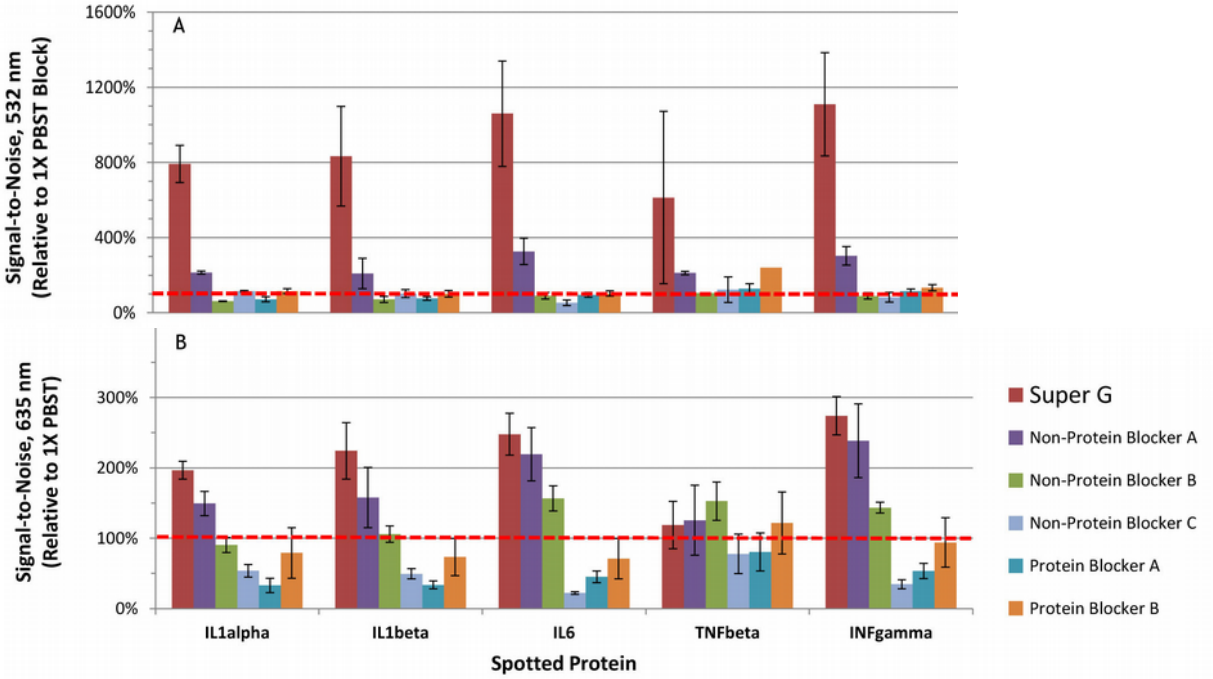

Figure 2. Conversely, Signal-to-Noise is 4- to 10-fold higher at 532 nm (A) and up to 4.5-fold higher at 635 nm (B). Data presented are from SuperNOVA slides blocked with Super G or other protein- and non-protein-based blockers followed by sandwich assays for IL-1a, IL-1b, IL6, TNF b, and INFg. All data are shown relative to blocking with a common blocker (PBS with 0.1% Tween-20).

Directions for use

Guidelines for use

Follow your current method for blocking nitrocellulose film slides, substituting Super G Blocking Buffer for your current blocking reagent. Cover the slide surface to be hybridized completely with Super G Blocking Buffer before performing your assay. For best results, submerge the slide completely in blocking buffer, or use the ProPlate™ chamber system for creating chambers over your nitrocellulose pads. No agitation is necessary during blocking.

It is recommended to incubate slide for 1 hour before washing, though 15 minutes may provide sufficient blocking for some applications and should be optimized for your specific application. Incubating overnight at 4 degrees C will provide optimal results.

After blocking with Super G, wash slide(s) with 1X PBST (or buffer similar in composition to your assay buffer) for 5 minutes with agitation prior to proceeding with the assay.
Proceed with assay as per protocol.

Notes:
For optimal results, slides should not be pre-treated with other reagents before using Super G Blocking Buffer. Blocking should be performed before hybridizing sample on the slide.

Related / associated products

- ProPlate Multi-array system, BC4781
- ONCYTE SuperNova 1-20mm x 51mm NC PAD per slide, glass 25x75x1mm, FP-KV9290
- ONCYTE SuperNova 1-20mm x 60mm NC PAD per slide, glass 25x75x1mm, FP-KV9300
- ONCYTE SuperNova 2-20mm x 20mm NC PADS per slide, glass 25x75x1mm, FP-KV9310
- ONCYTE SuperNova 16-6,5mm x 6,5mm NC PADS per slide, glass 25x75x1mm, FP-KV8320

Ordering information

Catalog size quantities and prices may be found at www.interchim.com/
Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : FluoProbes® / Interchim; Hotline : +33(0)4 70 03 73 06

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