

# Interchim Innovations

Interbiotech - BioScience Innovations

H10E

## Saturating agents HighLights / Albumins, Seablock

Gain time using Uptima saturating agents for

- cost-effectiveness (price/quality)
- gain of time (i.e. using BSA 30% solution)
- special saturating agents for demanding applications (i.e. seablock)

### Albumins

Bovine Serum Albumin (BSA) is a popular saturating agent used to block unspecific binding on microplates, blotting membranes and cell sections.

#### BSA 30% solution

UP900100, 50 ml

UP900101, 500 ml

More convenient than powders (no dissolution concerns, no aggregates), and cheaper than ready-to-use blockers

#### Forget this

Fastidious weighting  
Breast irritation due to inhaled dust  
Difficult handling / long dissolution  
Detrimental foam

> biomolecules oxidation

Indesirables agregates

> artifacts on blots, background



5-15 min

#### and adopt Uptima BSA solution !

Pipette the BSA solution directly  
in your buffer  
Dissolution is almost instantaneous



It's ready and clear !



<1 min

Note: a full range of other grades of BSA and other albumins are also available. Example:

BSA powder, standard grade

UPQ84170, 100 g

UPQ84171, 500 g

UPQ84170, 1 kg

Our standard grade and economic BSA, ubiquitous for most biotechnologies, including immuno-saturations.

polymerised BSA, 30% solution

BJ1440, 50ml

[Prices and technical sheets on line](#)

### Seablock blocking reagents

*A non-mammalian reagent containing saturating agent, in particular for chemiluminescent detections*

- Overcomes non-fat milk, BSA, Gelatin, FBS... in many immunoassays
- Suits immuno-enzymatic detection techniques, especially ELISA and Blotting
- Suits chromogenic and chemiluminescent systems
- Non-mammalian nature prevents interactions with immunoreagents (i.e. mammalian antibodies)
- Lower background
- Excellent to saturate high binding surfaces, and Glutaraldehyde activated Amine polystyrene (when BSA is respectively a good but not excellent or a poor blocker).
- Also available in special formulations (serum free in PBS or TBS buffer) for nitrocellulose lateral flow assays

SeaBlock (standard, excels as a blocker in ELISA)

UP40301A, 500 ml

SeaBlock for WB (AquaBlock, excels as a blocker in WB)

UPAM7281, 500 ml

SeaBlock, serum free in PBS (for lateral flow assays)

UPAP1370, 500 ml

SeaBlock, serum free in TBS (for lateral flow assays)

UPAP1380, 500 ml

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**interchim**®

211 bis, avenue JF Kennedy  
BP 1140 - 03100 Montluçon  
Fax +33 (0)4 70 03 82 60

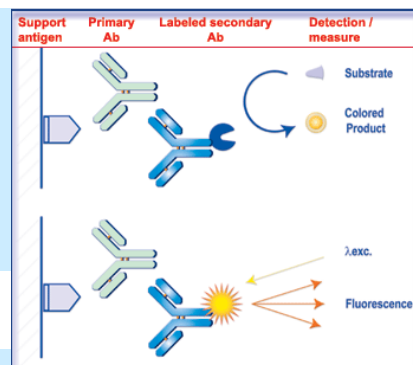
Hotline +33 (0)4 70 03 73 06 • [interbiotech@interchim.com](mailto:interbiotech@interchim.com)

See our [BioSciences catalogue chapter A](#) for other immunodetection agents, including primary and secondary antibodies, other immunochemicals for ELISA, Blotting, microarray, IHC/IF, Cytometry...

### Ready to use Buffers for Immunoassays

These powered blends save your time and are high proteomics grade for optimal results in immunodetections.

<b>TBS with Non-Fat Powdered Milk 3%</b>	<a href="#">TS</a> GS4160, 5 pk (42 g/1 L)
<b>TBS with BSA 1%</b>	GS4170, 5 pk (22 g/1 L)
<b>TBS with Tween® 0.05%</b>	GS4200, 5 pk (12.5 g/1 L)
<b>PBS with Non-Fat Powdered Milk 3%</b>	GS4180, 5 pk (39.8 g/1 L)
<b>PBS with BSA 1%</b>	GS4190, 5 pk (19.8 g/1 L)
<b>PBS with Tween® 0.05%</b>	GS4250, 5 pk (10.4 g/1 L)
<b>Antibody Diluent (Ready to Use)</b>	HH6690, 25 ml



### Other saturating agents and Buffers components

**RapidBlock** [TS](#) DZ7330, 15ml

Non Proteous. Block within 5 minutes only!

**Non-fat Milk** 768701, 500 g

**BioBlock membrane blocking agent** [TS](#) N13660, 1 L (in PBS ) N13650, 1 L (in TBS )

An economic standard blocker based on casein, optimized for positively charged nylon or PVDF membranes in nucleic acid or protein blotting applications.

**Gelatin** N13360 100 g N13361, 500 g

CAS [9000-70-8]; Bloom number : 240-270 ; pH(28°C) : 4.5-5.5 ; Water (KF) : <12%; Viscosity : 35-45mpa

**Tween® 20, pure** 15874A, 1 L

**Tween® 20, 20% solution, oxidant free** [TS](#) UP158740, 5 x 10 ml

### Great chromogenic substrates from Uptima

**TMB, "Standard" solution** [TS](#) UP664780, 200 ml UP664781, 500 ml

**BCIP/NBT** [TS](#) UP099851, 100ml

**pNPP Tablets (30mg pNPP weighed)** [TS](#) UP732500, 100 Tabs UP732501, 1000 tabs

**pNPP Solution for ELISA** [TS](#) UP664791, 500 ml

**Op-Metal Enhanced DAB Kit – Dual color- for IHC** [TS](#) 679921, 300ml

**UptiLight ELISA UltraSensitivity HRP ECL Substrate** [TS](#) 996201, 60ml 996202, 120ml

**UptiLight WBlot UltraSensitivity HRP ECL Substrate** [TS](#) 58372A, 60ml

Many other substrates are available, including in powder form, in bulk quantities.

[Prices and technical sheets on line](#)

### Secondary antibodies & reagents

#### HRP (Perox.)

#### AP (Alk.Phos.)

**anti Human IgG(H+L) – HRP (Gt)** UP135240, 1mg 762740/UP893090, 1mg

**anti Mouse IgG(H+L) – HRP (Gt)** [TS](#) UP446330, 1mg UP437050, 1mg

**anti Rabbit IgG(H+L) – HRP (Gt)** UP511380, 1mg UP225950, 1mg

**Streptavidin) – HRP** UP395888, 1mg UP518498, 1mg

Many other formats and specificities are available (species, hosts, pre-adsorbed, Fab'2, anti-isotypes)

### [Products HighLights Overview](#)

### Information inquire

Reply by Fax : +33 (0) 4 70 03 82 60 or email at [interbiotech@interchim.com](mailto:interbiotech@interchim.com)

I wish to receive the complete documentation about: \_\_\_\_\_

Name: \_\_\_\_\_ 2<sup>nd</sup> name: \_\_\_\_\_ Position: \_\_\_\_\_

Company/Institute: \_\_\_\_\_ Service, Lab: \_\_\_\_\_

Address: \_\_\_\_\_

Zip code: \_\_\_\_\_ Town: \_\_\_\_\_

Tel \_\_\_\_\_ Fax \_\_\_\_\_ Email: \_\_\_\_\_

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**interchim**®

211 bis, avenue JF Kennedy  
BP 1140 - 03100 Montluçon  
Fax +33 (0)4 70 03 82 60

Hotline +33 (0)4 70 03 73 06 • [interbiotech@interchim.com](mailto:interbiotech@interchim.com)