

SEA BLOCK®

BLOCKING BUFFER DERIVED FROM SUSTAINABLY RAISED ATLANTIC SALMON

Sea Block® is a non-mammalian blocking solution for researchers and diagnostic laboratories needing to improve their ELISA, Western blot, IHC & fluorescence assays. Sea Block® reduces noise and cross-reaction with mammalian samples, providing clearer results at a reduced cost.

FORMULATION	SIZE	UoM	VOLUME
Ready-to-use PBS or TRIS	250 ml	1 EA	0.25 L
		6 PK	1.5 L
	500 ml	1 EA	0.5 L
		4 PK	2.0 L
Concentrated (10x) PBS or TRIS	250 ml	1 EA	makes 2.5 L
		6 PK	makes 15.0 L
	500 ml	1EA	makes 5.0 L
		4 PK	makes 20.0 L



*Large volume pricing & custom formulations available upon request

ADVANTAGES

Minimal cross-species interaction in assays

Increased signal to noise ratio, high sensitivity

Reduced non-specific activity

Ready to use or as 10X concentrate

0.22 µm filtered, pH 7.4 (±0.1), protein ≥0.8 mg/ml

Sustainably sourced

APPLICATIONS & REFERENCES

Blocking & antibody dilution

Western blot

Pancreatic cancer⁽⁷⁾, COVID19⁽⁸⁾

ELISA

Malaria⁽⁵⁾, Foot-and-mouth⁽²⁾, Bovine RSV⁽³⁾

Immunoblot - IR detection

Sepsis-induced immunoparalysis⁽⁴⁾

Immunofluorescence

Lyme disease⁽¹⁾

Immunohistochemistry (IHC)

Pancreatic cancer⁽⁶⁾, MS⁽⁹⁾

Storage: 4-8°C **Shelf Life:** PBS-based (1 year); TRIS-based (3 months)

Our products are manufactured under ISO13485-compliant procedures by upcycling byproducts sourced from fish that are not treated with antibiotics, hormones or other impurities and raised in aquaculture farms using sustainable and environmentally responsible practices. Our goal is to provide high quality products, reduce fisheries waste, and support sustainable aquaculture practices.

REFERENCES

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