



FULLY CHEMICAL SYNTHESIZED BLOCKING REAGENT

The Blockmaster™ series consists of several synthetic water soluble polymer blocking reagents that solve the safety, quality and purity issues often observed when using “standard” protein based blocking solutions.

Key Properties

- Fully-synthesized polymers
- Water soluble polymer
- Animal protein-free, virus-free
- High lot-to-lot consistency
- Low non-specific binding (NSB) of proteins

Blockmaster™ Series			
Grade	Mode of Attachment	Application	Target Materials
CE510, CE210	Primary • Covalent coupling	• Latex agglutination • Chemiluminescent immunoassay • Immunochromatography • Improvement of particle dispersion	• Latex beads • Magnetic beads • Colloidal gold particles
	Secondary • Physical adsorption	• Dispersion stabilizer of colloidal gold particles and magnetic beads	
DB1130	• Physical adsorption	• Latex agglutination • Chemiluminescent immunoassay	• Latex beads • Magnetic beads
PA1080	• Physical adsorption	Anti-adsorption of protein and cell • ELISA Plate • Immunochromatography • Microfluidics chip • 3D cell culture	• PSt, PP, COP, Glass, PDMS, PVDF, Nitro cellulose, etc.

Grade	Package Volume	Solids Content
CE510 CE210	100 mL, 1000 mL	2%
DB1130	100 mL, 1000 mL	10%
PA1080	100 mL, 1000 mL	1%

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Storage

Please store at 2–8° C. Do not freeze the bottle.

Important Notice

- These products are research use only and not intended for therapeutic or in vitro diagnostics use.
- The specifications of these products may be changed without notice.
- JSR Corporation does not guarantee that these products will be continuously available.