

For your precious sample preservation



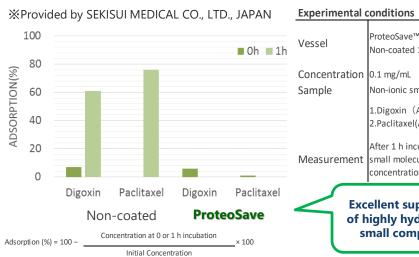


Coated with an unique ultra-hydrophilic polymer which offers minimized protein denaturation and non-specific protein adsorption



Provides no eluted materials, heat- and cold-resistance, and chemicalresistance due to covalently bonded coating

Application example in analysis of small molecules Comparison of Non-ionic small compounds with non-coated tube



ProteoSave™ 1.5 mL Microtube Non-coated 1.5 mL Microtube

Non-ionic small molecule

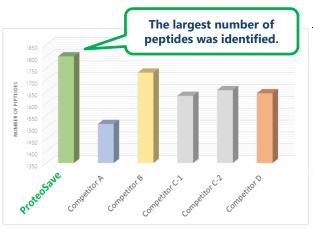
1.Digoxin (Anti-anginal drug) 2.Paclitaxel(Anti-cancer drug)

After 1 h incubation with non-ionic Measurement small molecule, determined the concentration with LC-MS/MS

> **Excellent suppression** of highly hydrophobic small compounds

Application example in Proteomics Research Comparison of the number of identified peptides with competitive products

* Provided by Dr. Masahiro Kamita, Ph.D, National Cancer Center Research Institute, JAPAN.



Experimental conditions

experimental conditions				
Vessl	ProteoSave™ 1.5 mL Microtube			
	5 competitive tubes			
Sample	Peptides derived from Hep3B			
Quantity	300 μg			
Method	nanoLC-Ultra 2D with TripleTOF 5600, AB			
	SCIEX			
Column	75 mm×150 mm,ChromXP C18-CL			
	3 μm 120 Å Ekisigent			
Eluent	A: 0.1% FA and 1% ACN			
	B: 0.1% FA and 99% ACN			
Software	Mascot Server			

Product Lineup



Centrifuge tube 15 mL & 50 mL



Micro tube 0.5 mL & 1.5 mL



Slim tube 0.5 mL & 1.5 mL

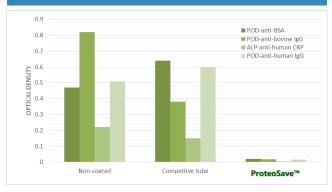


96-deep wells plate



96-wells flat & U bottom plate

Protein Adsorption to vessel



Diluted enzyme-labeled antibody solutions from 0.1-0.8 mg/mL with phosphate buffer, and dispensed diluted the solutions into non-coated tube, competitive tube and ProteoSave $^{\rm m}$. After 1 h incubation at 37 °C, washed by phosphate buffer, then the amount of adsorbed enzyme-labeled antibodies was measured by microplate reader.

Chemical, Heat and Cold Resistant

Organic solvent	10%	Surfactant	0.1%	
	5 hr	CHAPS	/	
Methanol	✓	CHAIS		
Wicthanor		Triton X-100	✓	
Ethanol	✓	111tO11 X 100		
Ethanoi		Tween 20	✓	
2-propanol	✓			
2 proparior		SDS	✓	
Glycerol	✓		I	
2.,52.2.				
Acetonitrile	✓		Cold	
		Heat resistant	resistant	
Acetone	✓		resistant	
	✓	100 °C	-80°C	
DMSO		(10 min)	(3 months)	
		(10 11111)	(3311113)	
2-mercaptoethanol	✓			

Cat. No	Product	Material	Note	Qty/Pk	Qty/Cs
MS-4205MZ	ProteoSave™ 0.5 mL Microtube	Polypropylene	Non-sterilized	100	500
MS-4255MZ	ProteoSave™ 0.5 mL Microtube (Sterilized)	Polypropylene	Radiation sterilized	100	500
MS-4215MZ	ProteoSave™ 1.5 mL Microtube	Polypropylene	Non-sterilized	100	500
MS-4265MZ	ProteoSave™ 1.5 mL Microtube (Sterilized)	Polypropylene	Radiation sterilized	100	500
MS-4220MZ	ProteoSave™ 2 mL Microtube	Polypropylene	Non-sterilized	100	500
MS-4270MZ	ProteoSave™ 2 mL Microtube (Sterilized)	Polypropylene	Radiation sterilized	100	500
MS-4201XZ	ProteoSave™ 0.5 mL Slimtube	Polypropylene	Non-sterilized	50	500
MS-4202XZ	ProteoSave™ 2 mL Slimtube	Polypropylene	Non-sterilized	50	500
MS-8296FZ	ProteoSave™ 96-wells, Flat Plate	Polystyrene	Non-sterilized	5	50
MS-8296KZ	ProteoSave™ 96-wells, Black, Flat Plate	Polystyrene	Non-sterilized	5	50
MS-8296VZ	ProteoSave™ 96-wells, V Plate	Polypropylene	Non-sterilized	5	20
MS-82962Z	ProteoSave™ 96-deep wells, V Plate, 2mL	Polypropylene	Non-sterilized	3	45
MS-3296UZ	ProteoSave™ 96-wells, U Plate	Polystyrene	Non-sterilized	5	50
MS-8384VZ	ProteoSave™ 384-wells, U Plate	Polypropylene	Non-sterilized	5	50
MS-52150Z	ProteoSave™ 15 mL Conical Tube	PET	Non-sterilized	5	100
MS-52550Z	ProteoSave™ 50 mL Conical Tube (Sterilized)	Polypropylene	Radiation sterilized	5	100

ProteoSave™ Publication List

Go to our website.

http://www.s-bio.com/products/low-protein-adsorption-products-elisa/proteosave/



www.s-bio.com

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