

You will find all you need for your proteomics research in our proteomics portfolio. Our range includes solutions to separate, detect and purify phosphorylated proteins as well as electrophoresis and staining processes.

Phos-tag is a novel phosphate-binding tag at neutral pH (physiological pH) and was developed by Department of Functional Molecular Science at Hiroshima University. Phos-tag technologies are innovative methods using Phos-tag for separation, purification, and detection of phosphorylated substances (protein, peptide, etc.).

## SuperSep Phos-tag™

SuperSep Phos-tag™ is a precast gel which has been added with Phos-tag™ Acrylamide in advance. The gel is ready for use immediately after opening the package.

It contains zinc as a supplement metal and shows excellent storage stability by its neutral gel buffer.

<b>Plate Size</b>	100 x 100 x 3 (mm)	
<b>Gel Size</b>	90 x 85 x 1 (mm)	
<b>Well number</b>	13	17
<b>Phos-tag™ concentration</b>	50 µmol/l	
<b>Acrylamide Concentration</b>	10%, 12.5%, 15% or 17.5%	
<b>ZnCl<sub>2</sub> concentration</b>	100 µmol/l	
<b>Well volume</b>	30 µl	25 µl

Available SuperSep Phos-tag™ precast gels and related products

Description	Wako Cat. No.	Package Size	Storage
SuperSep Phos-tag™ 50 µmol/l, 10%, 13well	193-16711	5 gels	Keep at 2-10°C
SuperSep Phos-tag™ (50 µmol/l), 10%, 17well	190-16721	5 gels	Keep at 2-10°C
SuperSep Phos-tag™ (50 µmol/l), 12.5%, 13 well	195-16391	5 gels	Keep at 2-10°C
SuperSep Phos-tag™ (50 µmol/l), 12.5%, 17 well	193-16571	5 gels	Keep at 2-10°C
SuperSep Phos-tag™ (50 µmol/l), 15%, 13 well	193-16691	5 gels	Keep at 2-10°C
SuperSep Phos-tag™ (50 µmol/l), 15%, 17 well	196-16701	5 gels	Keep at 2-10°C
SuperSep Phos-tag™ (50 µmol/l), 17.5%, 13 well	197-16851	5 gels	Keep at 2-10°C
SuperSep Phos-tag™ (50 µmol/l), 17.5%, 17 well	194-16861	5 gels	Keep at 2-10°C
Adjuster, for Invitrogen System	ADJUSTER	1 unit	RT
α-Casein, from Bovine Milk, Dephosphorylated	038-23221	1mg	Keep at -20°C
Wide-View Prestained Protein Size Marker III	230-02461	500 µl	Keep at -20°C

Below we have compiled an overview of compatibility of non-Wako systems with SuperSep gels:

Manufacturer	Electrophoresis system	Comment/Handling
<b>APPLICABLE</b>		
Nihon Eido	NA-1021	
Nihon Eido	NA-1013	
Bio-Craft, vertical slab gel systems	Regular model	
Bio-Craft, vertical slab gel systems	Mini model	
Cosmo Bio	DPE-1020	
Tefco	Safety Cell Mini STC-808	
<b>APPLICABLE, special handling</b>		
ATTO	AE-6500 Dual Mini Slab	Careful installation of the gel, plate size 120x102x7 mm
Invitrogen	Xcell SureLock™ Mini-Cell	SuperSep gels can be used with an adjuster, that you can order free of charge.
<b>NOT APPLICABLE</b>		
ATTO	AE-6530	
Bio-Rad	Mini-PROTEAN® Tetra Cell	
	No compatibility with all Bio-Rad systems	
Invitrogen	Bolt® Mini Gel Tank	

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Immunology

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Stem Cell Research

Neuroscience

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Standards for Water Analysis

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