

Selection guide

Biacore consumables



No matter what you want to get out of your interaction analysis, we developed a range of tools designed specifically to make Biacore™ assays as easy and reliable as possible. The complete toolbox is backed up by stringent production methods and quality control.



































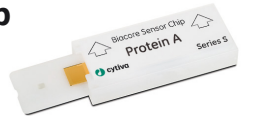













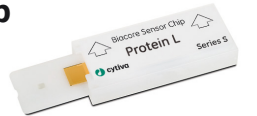


This selection guide describes the benefits of Biacore consumables for rapidly getting great results.




- Extensive range of sensor surfaces enables study of many interactions — from small organic molecules to viruses
- Coupling kits include selected reagents for covalent attachment of your ligand
- Capture kits significantly reduce time and effort needed to develop your assay
- Buffers for ligand immobilization and running buffers to match your selected sensor chip
- Regeneration solutions for effective removal of bound analyte from the surface
- Accessories including system maintenance kits and sample racks









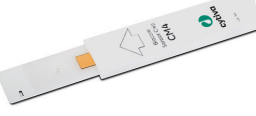







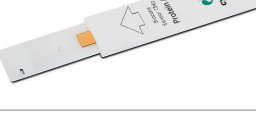





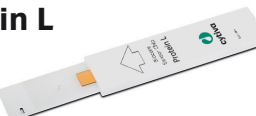


**A sensor surface
for every need**













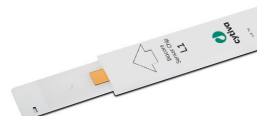














Series S sensor chips for Biacore 8K+, Biacore 8K, Biacore S200, Biacore T200, and Biacore 4000 SPR systems




Product name	Description	Quantity	Product code	Application area	Product name	Description	Quantity	Product code	Application area
Series S Sensor Chip CM5 	The most versatile sensor chip available — the first choice for immobilization via -NH ₂ , -SH, -CHO, -OH, or -COOH groups.	Pack of 10 Pack of 3 Pack of 1	29149603 BR100530 29104988	  	Series S Sensor Chip PEG 	Polyethylene glycol (PEG)-based sensor chip that offers an alternative to dextran-based surfaces where unwanted binding of analyte can occur. The flat surface allows interactions closer to the surface, which is beneficial when the interaction partner in solution is multivalent or very large.	Pack of 1	29239810	  
Series S Sensor Chip CM7 	A high capacity alternative to Sensor Chip CM5 for fragment and low molecular weight molecule samples.	Pack of 1	28953828		Series S Sensor Chip NTA 	For convenient capture of his-tagged molecules via metal chelation. Use with NTA Reagent Kit (28995043) containing nickel solution and regeneration solution.	Pack of 3 Pack of 1	BR100532 28994951	  
Series S Sensor Chip CM4 	An alternative to Sensor Chip CM5 with similar dextran matrix but lower charge. Suitable for exploring alternative assay conditions (e.g., addressing background binding).	Pack of 3 Pack of 1	BR100534 29104989	  	Series S Sensor Chip SA 	For stable and convenient immobilization of biotinylated molecules.	Pack of 3 Pack of 1	BR100531 29104992	  
Series S Sensor Chip CM3 	An alternative to Sensor Chip CM5 with shorter dextran matrix and similar charge density to explore alternative assay conditions.	Pack of 3 Pack of 1	BR100536 29104990	 	Series S Sensor Chip NA 	Designed for capture of biotinylated molecules with subsequent analysis of ligand-analyte binding in primarily low molecular weight applications.	Pack of 1	29407997	 
Series S Sensor Chip C1 	Carboxymethylated, matrix-free surface for covalent immobilization. Use when there is a need to avoid dextran on the surface.	Pack of 3 Pack of 1	BR100535 29104944		Series S Sensor Chip L1 	For stable high-capacity capture of vesicles and liposomes while retaining lipid bilayer structure — suitable for study of transmembrane proteins.	Pack of 1	29104993	  
Series S Sensor Chip Protein A 	Use for oriented capture or binding of antibodies (predominantly human) through Fc region only. Sensor chip eliminates need to develop immobilization and regeneration conditions.	Pack of 3 Pack of 1	29127556 29127555	 	Series S Sensor Chip HPA 	For capture of lipids as monolayers on the sensor chip surface, enabling study of membrane-associated proteins.	Pack of 1	29104994	  
Series S Sensor Chip Protein G 	Use for oriented capture or binding of antibodies from many mammalian species and all human antibody subclasses. Sensor chip eliminates need to develop immobilization and regeneration conditions.	Pack of 1	29179315	 	SIA Kit Au 	Contains unmounted gold surfaces and separate chip supports for easy assembly after surface coating. This allows the use of a wide variety of coating techniques, including those using harsh conditions that the chip carrier would not withstand. Not recommended for use with Biacore 4000.	For Series S sensor chips, includes: 10 × sensor surfaces Au 16 × adhesive strips 10 × sensor chip supports 1 × protective sheath 1 × assembly unit	BR100405	  
Series S Sensor Chip Protein L 	Use for oriented capture of antibody fragments: Fabs, single-chain variable fragments (scFV), domain antibodies (dAbs), and antibody fragments containing kappa light chain subtypes (1, 3, and 4). Sensor chip eliminates need to develop immobilization and regeneration conditions.	Pack of 1	29205138	 					

 Biotherapeutic applications  Small molecule applications  General research applications

Sensor chips for Biacore X100 and Biacore C SPR systems

Product name	Description	Quantity	Product code	Application area
Sensor Chip CM5 	The most versatile sensor chip available — the first choice for immobilization via -NH ₂ , -SH, -CHO, -OH, or -COOH groups.	Pack of 10 Pack of 3 Pack of 1	29149604 BR100012 BR100399	  
Sensor Chip CM7 	A high capacity alternative to Sensor Chip CM5 for fragment and low molecular weight molecule samples.	Pack of 1	28957332	
Sensor Chip CM4 	An alternative to Sensor Chip CM5 with similar dextran matrix but lower charge. Suitable for exploring alternative assay conditions (e.g., addressing background binding).	Pack of 3	BR100539	  
Sensor Chip CM3 	An alternative to Sensor Chip CM5 with shorter dextran matrix and similar charge density to explore alternative assay conditions.	Pack of 3	BR100541	
Sensor Chip C1 	Carboxymethylated, matrix-free surface for covalent immobilization. Use when there is a need to avoid dextran on the surface.	Pack of 3	BR100540	
Sensor Chip Protein A 	Use for oriented capture or binding of antibodies (predominantly human) through Fc region only.	Pack of 3 Pack of 1	29127558 29127557	 
Sensor Chip Protein G 	Use for oriented capture or binding of antibodies from many mammalian species and all human antibody subclasses. Sensor chip eliminates need to develop of immobilization and regeneration conditions.	Pack of 1	29179316	 
Sensor Chip Protein L 	Use for oriented capture of antibody fragments: Fabs, single-chain variable fragments (scFV), domain antibodies (dAbs), and antibody fragments containing kappa light chain subtypes (1, 3, and 4).	Pack of 1	29205137	 



























Product name	Description	Quantity	Product code	Application area
Sensor Chip PEG 	Polyethylene glycol (PEG)-based sensor chip that offers an alternative to dextran-based surfaces where unwanted binding of analyte can occur. The flat surface allows interactions closer to the surface, which is beneficial when the interaction partner in solution is multivalent or very large.	Pack of 1	29245706	  
Sensor Chip NTA 	For convenient capture of his-tagged molecules via metal chelation. Use with NTA Reagent Kit (28995043) containing nickel solution and regeneration solution.	Pack of 3 Pack of 1	BR100034 BR100407	  
Sensor Chip SA 	For stable and convenient immobilization of biotinylated molecules.	Pack of 3 Pack of 1	BR100032 BR100398	  
Sensor Chip L1 	Use to incorporate a molecule into a lipid bilayer.	Pack of 3 Pack of 1	BR100543 BR100558	  
Sensor Chip HPA 	Use when working with model membrane systems.	Pack of 3 Pack of 1	BR100030 BR100406	  
Sensor Chip Au 	Untreated gold surface for use with custom coating techniques.	Pack of 3	BR100542	 
SIA Kit Au 	Contains unmounted gold surfaces and separate chip supports for easy assembly after surface coating. This allows the use of a wide variety of coating techniques, including those using harsh conditions that the chip carrier would not withstand. Not recommended for use with Biacore 4000.	For classic sensor chips, includes: 10 × sensor surfaces Au 16 × adhesive strips 10 × sensor chip supports 1 × protective sheath 1 × assembly unit	BR100405	  






















 Biotherapeutic applications  Small molecule applications  General research applications




**Kits, buffers,
and reagents for
convenience**

Biacore capture kits

Biacore capture kits save you time and effort by eliminating most of the assay development work. They also provide consistent capture levels, which are important when studying panels of antibodies. All kits contain validated, high-quality reagents and optimized protocols.









Product name	Description	Quantity	Product code	Application area
His Capture Kit 	Reagents for capture of his-tagged molecules in biomolecular interaction studies. Sufficient for 10 immobilizations and up to 1000 regenerations.	Antihistidine antibody, 1 mg/mL in: 0.15 M NaCl, 50 µL Immobilization buffer, 1.2 mL Regeneration solution, 100 mL	28995056	  
His Capture Kit, type 2	Reagents for capture of his-tagged molecules in biomolecular interaction studies. The volumes are designed for Biacore 8K and Biacore 8K+ but the kit may be used with all Biacore systems. Sufficient for at least 16 immobilizations and 1600 regenerations.	Antihistidine antibody, 1 mg/mL in: 0.15 M NaCl, 90 µL Immobilization buffer: 10 mM sodium acetate pH 4.5, 2.6 mL Regeneration solution: 10 mM glycine-HCl, pH 1.5, 2 × 120 mL	29234602	  
GST Capture Kit 	Reagents for site-directed affinity capture of GST-tagged proteins. Facilitates the study of interactions between the tagged protein and its binding partners. Sufficient for 20 immobilizations and up to 600 regenerations.	Goat antiGST antibody, 0.6 mg/mL in: 0.15 M NaCl, 100 µL Recombinant GST (<i>Schistosoma japonicum</i>), 0.2 mg/mL in 100 µL HBS-EP Immobilization buffer, 5 mL Regeneration solution, 70 mL	BR100223	  
Biotin CAPture Kit 	Reagents and sensor chip for reversible capture of biotinylated molecules in biomolecular interaction studies. Sufficient for 80 to 140 regenerations depending on system.	1 × Sensor Chip CAP Biotin CAPture Reagent, 50 µg/mL in: HBS-EP buffer, 3.4 mL Regeneration Stock 1, 16 mL Regeneration Stock 2, 6 mL	28920233	  
Biotin CAPture Kit, Series S 	Reagents and sensor chip for reversible capture of biotinylated molecules in biomolecular interaction studies. Sufficient for 100 regenerations.	1 × Series S Sensor Chip CAP Biotin CAPture Reagent, 50 µg/mL in: HBS-EP buffer, 3.4 mL Regeneration Stock 1, 16 mL Regeneration Stock 2, 6 mL	28920234	  
Biotin CAPture Reagent	Reagent for reversible capture of biotinylated molecules in biomolecular interactions	Biotin CAPture Reagent, 50 µg/mL in: HBS-EP buffer, 3.4 mL	29423383	  
NTA Reagent Kit 	Reagents for Sensor Chip NTA, which is used to capture his-tagged molecules in biomolecular interaction analysis.	0.5 mM NiCl ₂ , 50 mL 350 mM EDTA, 100 mL	28995043	  

Product name	Description	Quantity	Product code	Application area
Mouse Antibody Capture Kit 	Reagents for capture of mouse antibodies in biomolecular interaction analyses. Sufficient for 10 immobilizations and 1000 regenerations.	Antimouse antibodies, 1 mg/mL in: 0.15 M NaCl, 50 µL Immobilization buffer, 1 mL Regeneration solution, 95 mL	BR100838	  
Mouse Antibody Capture Kit, type 2	Reagents for capture of mouse antibodies in biomolecular interaction analyses. The content of Mouse Antibody Capture Kit, type 2 is sufficient for at least 16 immobilizations and 1600 regenerations.	Antimouse antibodies, 1 mg/mL in: 0.15 M NaCl, 80 µL Sterile filtered, no preservatives added Immobilization buffer: 10 mM Sodium acetate pH 5.0, 2.6 mL Regeneration solution: 10 mM Glycine-HCl pH 1.7, 2 × 120 mL	29215281	  
Human Antibody Capture Kit 	Reagents for capture through the Fc region of human or humanized IgG and subclasses in biomolecular interaction analyses. Sufficient for 10 immobilizations and 1000 regenerations.	Antihuman antibodies (Fc), 0.5 mg/mL in: 0.15 M NaCl, 50 µL Immobilization buffer, 1 mL Regeneration solution, 95 mL	BR100839	  
Human Antibody Capture Kit, type 2	Reagents for capture through the Fc region of human or humanized IgG and subclasses in biomolecular interaction analyses. The volumes are designed for Biacore 8K and Biacore 8K+ but the kit can be used with all Biacore systems. The kit contains sufficient reagents for at least 16 immobilizations and 1600 regenerations.	Antihuman IgG (Fc) antibody, 0.5 mg/mL in: 0.15 M NaCl, 80 µL. Sterile filtered. No preservatives added. Immobilization buffer: 10 mM sodium acetate pH 5.0, 2.6 mL Regeneration solution: 3 M magnesium chloride, 2 × 120 mL	29234600	  
Human Fab Capture Kit 	Reagents for capture of human Fab antibody fragments in biomolecular interaction analyses. Sufficient for 10 immobilizations and 1000 regenerations.	Human Fab Binder, 0.5 mg/mL in: 0.15 M NaCl, 50 µL Immobilization buffer, 2 × 1.2 mL Regeneration solution, 2 × 90 mL	28958325	  
Human Fab Capture Kit, type 2	Reagents for capture of human Fab antibody fragments in biomolecular interaction analyses. The volumes are designed for Biacore 8K and Biacore 8K+ but the kit can be used with all Biacore systems. The kit contains sufficient reagents for at least 16 immobilizations and 1600 regenerations.	Antihuman Fab antibody, 0.5 mg/mL in: 0.15 M NaCl, 80 µL. Sterile filtered. No preservatives added. Immobilization buffer: 10 mM sodium acetate pH 5.0, 2.6 mL Regeneration solution: 10 mM glycine-HCl, pH 2.1, 2 × 120 mL	29234601	  

 Biotherapeutic applications  Small molecule applications  General research applications

Immobilization and coupling kits and reagents

Coupling kits and reagents for the most common ligand types and immobilization conditions.







Product name	Description	Quantity	Product code
Amine Coupling Kit 	Reagents for covalent immobilization of molecules carrying a primary amine group. Sufficient for 30 to 50 immobilizations.	1-Ethyl-3-(3-dimethylaminopropyl) carbodiimide hydrochloride (EDC), 750 mg N-Hydroxysuccinimide (NHS), 115 mg 1.0 M Ethanolamine-HCl pH 8.5, 10.5 mL	BR100050
Amine Coupling Kit, type 2 	Reagents for covalent immobilization of molecules carrying a primary amine group. Sufficient for 60 to 80 immobilizations. For Biacore 4000.	1-Ethyl-3-(3-dimethylaminopropyl) carbodiimide hydrochloride (EDC), 750 mg N-Hydroxysuccinimide (NHS), 115 mg 1.0 M Ethanolamine-HCl pH 8.5, 2 × 10.5 mL	BR100633
Thiol Coupling Kit 	Reagents and coupling solutions for performing molecule and/or surface thiol couplings. Contains reagents for 50 surface thiol immobilizations, 18 thiol immobilizations or 22 PDEA ligand modifications.	Cystamine dihydrochloride, 90 mg L-Cysteine, 61 mg 1,4-Dithioerythritol (DTE), 154 mg 1.0 M Ethanolamine-HCl pH 8.5, 10.5 mL 1-Ethyl-3-(3-dimethylaminopropyl) carbodiimide hydrochloride (EDC), 750 mg N-Hydroxysuccinimide (NHS), 115 mg 0.1 M 2-(4-Morpholino) ethanesulfonic acid (MES) pH 5.0, 100 mL 2-(2-Pyridinyldithio) ethaneamine hydrochloride (PDEA), 100 mg 0.1 M Sodium acetate, 25 mL NaCl pH 4.0, 25 mL 0.15 M Sodium borate pH 8.5, 25 mL	BR100557
PDEA Thiol Coupling Reagent 	Reagent for immobilization of thiol-containing molecules. Reactive disulfide groups are introduced onto carboxyl groups of either the sensor chip matrix or the ligand.	2-(2-Pyridinyldithio) ethaneamine hydrochloride (PDEA), 100 mg	BR100058
Acetate 4.0 	Immobilization buffer: 10 mM Sodium acetate pH 4.0	1 × 50 mL	BR100349
Acetate 4.5 	Immobilization buffer: 10 mM Sodium acetate pH 4.5	1 × 50 mL	BR100350
Acetate 5.0 	Immobilization buffer: 10 mM Sodium acetate pH 5.0	1 × 50 mL	BR100351
Acetate 5.5 	Immobilization buffer: 10 mM Sodium acetate pH 5.5	1 × 50 mL	BR100352

Three Qflex kits are available for analysis of biotin, folic acid, and vitamin B12, respectively. See cytiva.com/shop/qflex-kits-p-04989 for details.

Regeneration solutions









Regeneration is the step where bound analyte is removed from the sensor chip after analysis, without affecting the activity of the immobilized ligand. In many systems, conditions that remove analyte tend to reduce ligand activity, and finding the optimal conditions is an essential part of assay development.

We offer a range of regeneration solutions. The Regeneration Scouting Kit makes life even simpler by including small volumes of various regeneration solutions together with instructions giving clear guidance in the scouting process.

Product name	Description	Quantity	Product code
 Regeneration Scouting Kit	Contains 10 solutions, mostly ready to use, for developing regeneration conditions. Instructions for optimal regeneration scouting are included.	11 mL volumes of: Ethylene glycol (p.a.) 10 mM Glycine-HCl pH 1.5 10 mM Glycine-HCl pH 2.0 10 mM Glycine-HCl pH 2.5 10 mM Glycine-HCl pH 3.0 4.0 M Magnesium chloride 0.2 M NaOH 0.5% Sodium dodecyl sulfate (SDS) 5.0 M NaCl 20 mL of Surfactant P20	BR100556
 Glycine 1.5	10 mM Glycine-HCl pH 1.5	1 × 100 mL	BR100354
 Glycine 2.0	10 mM Glycine-HCl pH 2.0	1 × 100 mL	BR100355
 Glycine 2.5	10 mM Glycine-HCl pH 2.5	1 × 100 mL	BR100356
 Glycine 3.0	10 mM Glycine-HCl pH 3.0	1 × 100 mL	BR100357
 NaOH 50	50 mM NaOH	1 × 100 mL	BR100358



Running buffers

The recommended running buffer for your assay depends on the type of molecules used in the interaction, which assay will be run, and the type of sensor chip used. Our range of running buffers provides you with both convenience and quality, supplied in ready-to-use or concentrated form.

Product name	Description	Quantity	Product code
 HBS-EP For Biacore C and Biacore 3000	General purpose buffer, degassed and ready to use 0.01 M HEPES pH 7.4, 0.15 M NaCl, 3 mM EDTA 0.005% (v/v) Surfactant P20	6 × 200 mL	BR100188
 HBS-P For Biacore C and Biacore 3000	General purpose buffer, degassed and ready to use 0.01 M HEPES pH 7.4 0.15 M NaCl 0.005% (v/v) Surfactant P20	6 × 200 mL	BR100368
 HBS-N For Biacore C and Biacore 3000	General purpose buffer, degassed and ready to use 0.01 M HEPES pH 7.4 0.15 M NaCl	6 × 200 mL	BR100369
 HBS-EP+ 10× For Biacore 8K+, Biacore 8K, Biacore S200, Biacore T200, Biacore X100, Biacore 4000	General purpose buffer. Concentrated stock solution containing: 0.1 M HEPES 1.5 M NaCl, 0.03 M EDTA 0.5% (v/v) Surfactant P20 Will yield pH 7.4 when diluted 10×	1 × 1000 mL 4 × 50 mL	BR100669 BR100826
 HBS-P+ 10× For Biacore 8K+, Biacore 8K, Biacore S200, Biacore T200, Biacore X100, Biacore 4000	General purpose buffer. Concentrated stock solution containing: 0.1 M HEPES 1.5 M NaCl 0.5% (v/v) Surfactant P20 Will yield pH 7.4 when diluted 10×	1 × 1000 mL 4 × 50 mL	BR100671 BR100827
 HBS-N 10× For Biacore 8K+, Biacore 8K, Biacore S200, Biacore T200, Biacore X100, Biacore 4000	General purpose buffer. Concentrated stock solution containing : 0.1 M HEPES 1.5 M NaCl Will yield pH 7.4 when diluted 10×	1 × 1000 mL 4 × 50 mL	BR100670 BR100828
 PBS-P+ 10× For Biacore 8K+, Biacore 8K, Biacore S200, Biacore T200, Biacore X100, Biacore 4000	General purpose buffer. Supports the recommendations for small molecule assays in Biacore systems. Concentrated stock solution containing: 0.2 M phosphate buffer 0.027 M KCl 1.37 M NaCl 0.5% (v/v) Surfactant P20 Will yield pH 7.4 when diluted 10× and supplemented with 2% DMSO	1 × 1000 mL	28995084
 PBS 10× For all Biacore systems	General purpose buffer. Supports the recommendations for small molecule assays in Biacore systems. Concentrated stock solution containing: 0.1 M phosphate buffer 0.027 M KCl 1.37 M NaCl Will yield pH 7.4 when diluted 10× and supplemented with 5% DMSO	1 × 1000 mL	BR100672






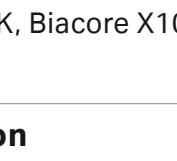
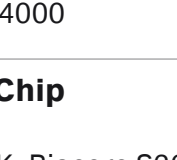
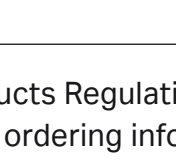
Sample preparation

Components in complex sample matrices such as plasma, serum, or cell lysates may bind nonspecifically to the dextran surface of sensor chips, complicating the analysis of specific binding interactions. You can minimize these effects by using NSB Reducer, which is simply added to the sample before injection.

Product name	Description	Quantity	Product code
NSB Reducer 	Reduces nonspecific binding to carboxymethyl dextran sensor surfaces. Sufficient for approximately 650 samples.	Carboxymethyl dextran sodium salt, 10 mg/mL in: 0.15 M NaCl containing 0.02% sodium azide (NaN ₃), 10 mL	BR100691
Surfactant P20 	Polyoxyethylenesorbitan, a nonionic surfactant recommended for inclusion in buffers. Tested for peroxides and carbonyls. Supplied as a sterile, filtered 10% solution in water.	1 × 20 mL	BR100054

Maintenance kits







Ensure your system is always in full working order with a range of dedicated system maintenance kits.

Product name	Description	Quantity	Product code
BIAmaintenance Kit* For Biacore X100 and Biacore 3000 	Convenient kit for proper instrument maintenance. Sufficient for 6 months (mo) of normal use. HBS-EP 10× buffer (BR100826) for Biacore X100, or HBS-EP buffer (BR100188) for Biacore 3000 can be ordered separately.	BIAtest solution, 65 mL BIAnormalizing solution, 30 mL BIAdesorb solution 1, 90 mL BIAdesorb solution 2, 90 mL 1 × Series S Maintenance Chip	29394521
BIAmaintenance Kit* For Biacore C 	Convenient kit for proper instrument maintenance. Sufficient for 6 mo of normal use. Additional HBS-EP buffer BR100188 can be ordered separately.	BIAtest solution, 65 mL BIAnormalizing solution, 30 mL BIAdesorb solution 1, 90 mL BIAdesorb solution 2, 90 mL HBS-EP buffer, 200 mL 1 × Series S Maintenance Chip Sensor Chip System Check Vials and caps	29394522
Biacore Maintenance Kit, type 2* For Biacore S200, Biacore T200, and Biacore 4000 	Convenient kit for proper instrument maintenance. Sufficient for 3 to 4 mo (Biacore S200, Biacore T200) or 1 to 2 mo (Biacore 4000) normal use. Additional HBS-N buffer (BR100670) can be ordered separately.	BIAtest solution with HBS-N, 65 mL BIAnormalizing solution, 90 mL BIAdesorb solution 1, 2 × 95 mL BIAdesorb solution 2, 2 × 95 mL HBS-N buffer 10×, 50 mL 1 × Series S Maintenance Chip	29394519
Biacore Maintenance Kit, type 3* For Biacore 8K and Biacore 8K+ 	Convenient kit for proper instrument maintenance of Biacore 8K and Biacore 8K+.	BIAtest solution (HBS-EP), 65 mL BIAnormalizing solution (70%), 90 mL 1 × Series S Maintenance Chip 2 × BIAdesorb solution 1, 500 mL 2 × BIAdesorb solution 2, 500 mL	29229054
Desorb Kit 	Separate BIAdesorb solutions, for cleaning of the flow system in Biacore systems.	BIAdesorb solution 1, 500 mL BIAdesorb solution 2, 500 mL	BR100823
BIAtest solution (HBS-EP) For Biacore 8K+, Biacore 8K, Biacore X100, and Biacore C 	A standard sucrose solution in HBS-EP buffer to be used when checking system performance.	15% (w/w) Sucrose in HBS-EP buffer, 65 mL	29207949
BIAnormalizing solution For Biacore 8K+, Biacore 8K, Biacore S200, Biacore T200, and Biacore 4000 	A 70% (w/w) glycerol solution to be used when performing normalization of the detector response.	70% (w/w) Glycerol	29207950
Series S Maintenance Chip For Biacore 8K+, Biacore 8K, Biacore S200, Biacore T200, and Biacore 4000 	Series S Maintenance Chip to be used in various instrument maintenance operations.	1 × Series S Maintenance Chip	BR100562








* Due to the Biocidal Products Regulation, the BIAdisinfecant solution (containing sodium hypochlorite) is not part of Biacore maintenance kits. For sodium hypochlorite ordering information, see maintenance products (Instructions for Use) on the Related Documents tab at cytiva.com

Accessories

Vials

Product name	Description	Quantity	Product code
Glass Vials, 9 mm 	1.8 mL borosilicate vials	600 vials	BR100207
Glass Vials, 16 mm 	4.0 mL borosilicate screw top glass vials	500 vials	BR100209
Plastic Vials, 7 mm 	0.8 mL rounded polypropylene microvials	1000 vials	BR100212
Plastic Vials, 11 mm 	1.5 mL polypropylene vials with wide opening that allows a pipette to reach the bottom	500 vials	BR100287
Plastic Vials, 15 mm 	4.0 mL polypropylene vials	100 vials	29266981
Plastic Vials and Caps, 11 mm 	2.0 mL polypropylene screw top vials, screw caps with o-ring seal. The screw caps are only to be used for storage, not to be used in the instrument.	500 vials, 500 caps	BR100214

Caps

Product name	Description	Quantity	Product code
Caps and Septa, 16 mm 	Polypropylene screw caps and high quality silicone/PTFE septa. To be resealed after use. For glass vials, 16 mm.	500 caps and 500 septa	BR100211
Caps, 7 mm 	Thin polyethylene snap caps. For glass vials, 16 mm and plastic vials, 7 mm.	1000 caps	BR100213
Rubber Caps 	Penetrable cap made of Kraton™ G (SEBS). Air tight after penetration. For glass vials, 16 mm and plastic vials, 11 mm.	400 caps	BR100286
Rubber Caps, type 2 	Penetrable cap made of Kraton G (SEBS). Ventilated. For glass vials, 16 mm and plastic vials, 11 mm.	400 caps	BR100411
Rubber Caps, type 3 	Penetrable cap made of Kraton G (SEBS). Ventilated. For glass vials, 9 mm and plastic vials, 7 mm.	600 caps	BR100502
Rubber Caps, type 4 	Penetrable cap made of Kraton G (SEBS). Air tight after penetration. For glass vials, 9 mm and plastic vials, 7 mm.	600 caps	BR100555
Rubber Caps, type 5 	Penetrable cap made of Kraton G (SEBS). Ventilated. For plastic vials, 15 mm.	400 caps	BR100655

Sample and reagent racks

Product name	Product code
Reagent Rack, type 1 For Biacore S200, and Biacore T200	BR100481
Reagent Rack, type 2 For Biacore S200, and Biacore T200	BR100482
Sample and Reagent Rack, type 1 For Biacore S200, and Biacore T200	BR100653
Thermo Rack A For Biacore 3000	BR100136
Thermo Rack B For Biacore 3000	BR100137
Thermo Rack C For Biacore 3000	BR100138
Thermo Rack F For Biacore C	BR100336
Reagent Rack A For Biacore 3000	BR100380
Reagent Rack B For Biacore C	BR100412
Reagent Rack C For Biacore C	BR100413
Biacore X100 Sample and Reagent Rack For Biacore X100	BR100799

Additional information

No. of vials in rack	Vial type	Cap type
20 × 11 mm	BR100287	BR100411
9 × 16 mm	BR100209	BR100411
24 × 7 mm	BR100212	BR100502
45 × 7 mm	BR100212	BR100502
24 × 11 mm	BR100287	BR100411
9 × 16 mm	BR100654 or BR100209	BR100655 or BR100411
5 × 16 mm	BR100209	BR100211 or BR100286
12 × 9 mm	BR100207	BR100555
40 × 7 mm	BR100212	BR100213 or BR100555
60 × 9 mm	BR100207	BR100555
24 × 11 mm	BR100214 or BR100287	BR100286
6 × 16 mm	BR100209	BR100411
18 × 11 mm	BR100214 or BR100287	BR100411
4 × 16 mm	BR100209	BR100211 or BR100286
4 × 11 mm	BR100214 or BR100287	BR100286
6 × 16 mm	BR100209	BR100411
1 × 11 mm	BR100214 or BR100287	BR100411
2 × 7 mm	BR100212	BR100502
20 × 7 mm	BR100212	BR100502
15 × 11 mm	BR100287	BR100411
1 × 15 mm	BR100654	No cap

Biacore 8K+ and Biacore 8K — racks and caps are not required.

Miscellaneous

Product name	Description	Product code	Biacore 8K+	Biacore 8K	Biacore 4000	Biacore S200	Biacore T200	Biacore X100	Biacore 3000	Biacore C
Microplate Foil 384-well	100 × self-adhesive, transparent plastic foils, for polystyrene and polypropylene microplates	BR100577	•	•	•	•	•			
Microplate 96-well	100 × polystyrene microplates. Not to be used together with DMSO as solvent.	BR100503	•	•	•	•	•		•	•
Microplate Foil 96-well	100 × self-adhesive, transparent plastic foils, for polystyrene and polypropylene microplates	28975816	•	•	•	•	•		•	•
Microplate and Foil 96-well	50 × polystyrene microplates and aluminum foils. Not to be used together with DMSO as solvent.	BR100383							•	•
96-well Septa, 10-pack	Septa used to cover 96-well microplates in experiments where the injection needles enter each well more than once. Each well is resealed and the needles are wiped off when elevated through the septa, ensuring high-quality data. For use used with 96-well or 96-deep well microplates.	29192561	•	•		•	•			
Microplate Cover	1 × cover used with aluminum foils to shield light-sensitive samples in microplates	BR100420							•	•
Reagent Plate and Foil	100 × 24-well disposable reagent plates with self-adhesive cover mats	BR100608			•					
Rack Tray	1 × tray for holding reagent rack and microplate	BR100483				•	•			
Rack Tray, type 3	1 × tray for holding reagent rack and microplate	BR100609			•					

cytiva.com/biacore

Cytiva and the Drop logo are trademarks of Global Life Sciences IP Holdco LLC or an affiliate.

The NeutrAvidin™ in Sensor Chip NA is sold with permission from Pierce Biotechnology, Inc. The transfer of Sensor Chip NA is conditional on the buyer using the purchased product solely for research purposes, the buyer must not (1) use this product or its components for diagnostic, therapeutic or prophylactic purposes; and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. NeutrAvidin is a registered trademark of Pierce Biotechnology, Inc. For information on purchasing a license to this product for purposes other than as described above, contact Thermo Fisher Scientific Inc., 5781 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@thermofisher.com.

Kraton is a trademark of Kraton Performance Polymers Inc. NeutrAvidin is a trademark of Pierce Biotechnology Inc. All other third-party trademarks are the property of their respective owners.

© 2020 Cytiva

All goods and services are sold subject to the terms and conditions of sale of the supplying company operating within the Cytiva business. A copy of those terms and conditions is available on request. Contact your local Cytiva representative for the most current information.

For local office contact information, visit cytiva.com/contact

CY14015-03Nov20-SG

