

Transfusion Products

Product Catalog



BIO-RAD is a trademark of Bio-Rad Laboratories, Inc.

The following trademarks in this document are trademarks of Bio-Rad Europe, GmbH in certain jurisdictions:

BIOTESTCELL
ERYTYPE
SERACLONE
SOLIDSCREEN
TANGO INFINITY

The following trademark in this document is property of other company.
Please consult the individual manufacturer for specific information:
SERAFOL

This information is supplied without liability.



Contents

Transfusion Products

Liquid Reagents

Reagents for ABO Blood Grouping	4
Reagents for Rh Blood Grouping	4
Rare Blood Grouping Reagents (monoclonal, liquid)	5
Rare Blood Grouping Reagents (polyclonal, liquid)	5
Rare Blood Grouping Reagents (polyclonal, lyophilized)	5
Reagent Red Blood Cells	6
Anti-Human Globulins	6
Supplements/Enzymes	7
Reagents for Quality Control	7
Laboratory Accessories	7

Microtest Plates

Microtest Plates for Blood Grouping on TANGO infinity (strip format)	8
Reagents for Erytype and Erytype S	8
Detection of Red Cell Antibodies/Crossmatch	9
Detection of weak D and partial D on Solidscreen II	9

Bedside Testing

Serafol	10
---------	----

Full Automation

TANGO infinity System	10
Consumables for TANGO infinity System	10

Reagents for ABO Blood Grouping

Monoclonal reagents for ABO and A subgroup typing by tube or slide testing.



Ordering Information

Catalog #	Description
801 320	Seraclone Anti-A (ABO1) - clone A003 (IgM), 10 ml
801 325	Seraclone Anti-A (ABO1) - clone A003 (IgM), 10 x 10 ml
801 345	Seraclone Anti-B (ABO2) - clone B005 (IgM), 10 ml
801 350	Seraclone Anti-B (ABO2) - clone B005 (IgM), 10 x 10 ml
801 370	Seraclone Anti-AB (ABO3) - clones BS63/BS85 (IgM), 10 ml
801 375	Seraclone Anti-AB (ABO3) - clones BS63/BS85 (IgM), 10 x 10 ml
801 136	Seraclone Anti-A₁ (ABO4) - clone A ₁ , 5 ml
801 165	Seraclone Anti-H (H1) - clones A46/B.B10, 5 ml

Reagents for Rh Blood Grouping

Monoclonal reagents for RhD, Rhesus phenotyping and C^w typing by tube or slide testing.



Ordering Information

Catalog #	Description
802 039	Seraclone Anti-D (RH1) 226*¹ - clone BS226 (IgM), 10 ml
802 042	Seraclone Anti-D (RH1) 226*¹ - clone BS226 (IgM), 10 x 10 ml
802 054	Seraclone Anti-D (RH1) 232*¹ - clone BS232 (IgM), 10 ml
802 032	Seraclone Anti-D (RH1) Blend*² - clones BS232 (IgM)/BS221/H41 11B7 (IgG), 10 ml
802 033	Seraclone Anti-D (RH1) Blend*² - clones BS232 (IgM)/BS221/H41 11B7 (IgG), 10 x 10 ml
802 280	Seraclone Anti-C (RH2) - clone MS24 (IgM), 5 ml
802 282	Seraclone Anti-C (RH2) - clone MS24 (IgM), 10 ml
802 346	Seraclone Anti-c (RH4) - clone MS33 (IgM), 5 ml
802 348	Seraclone Anti-c (RH4) - clone MS33 (IgM), 10 ml
802 330	Seraclone Anti-E (RH3) - clones MS258/906 (IgM), reacts with E ^w , 5 ml
802 331	Seraclone Anti-E (RH3) - clones MS258/906 (IgM), reacts with E ^w , 10 ml
802 370	Seraclone Anti-e (RH5) - clones MS16/MS21/MS63 (IgM), 5 ml
802 372	Seraclone Anti-e (RH5) - clones MS16/MS21/MS63 (IgM), 10 ml
802 080	Seraclone Anti-CDE (RH2, RH1, RH3) - clones P3x25513G8/P3x61/P3x234 (IgM), 10 ml
802 155	Seraclone Anti-C^w (RH8) - clone MS110 (IgM), 5 ml

* 1 does not detect category DVI cells.

* 2 suitable to perform the indirect antiglobulin test, react with category DVI.

Rare Blood Grouping Reagents (monoclonal, liquid)

Monoclonal antisera for fast, specific and safe antigen detection in the tube test.



Ordering Information

Catalog #	Description
808 090	Seraclone Anti-K (KEL1) , (Kell) - clone MS56, 5 ml
808 126	Seraclone Anti-k (KEL2) - clone Lk1, 2 ml
808 410	Seraclone Anti-M (MNS1) - clone BS57, 2 ml
808 415	Seraclone Anti-N (MNS2) - clone BS41, 2 ml
808 052	Seraclone Anti-S (MNS3) - clone MS94, 2 ml
808 068	Seraclone Anti-s (MNS4) - clone P3YAN3, 2 ml
808 158	Seraclone Anti-P1 (P1) - clone 650, 2 ml
808 188	Seraclone Anti-Fy^a (FY1) , (Duffy ^a) - clone DG-FY-02, 2 ml
808 404	Seraclone Anti-Le^a (LE1) , (Lewis ^a) - clone LEA2, 2 ml
808 423	Seraclone Anti-Le^b (LE2) , (Lewis ^b) - clone LEB1, 2 ml
808 227	Seraclone Anti-Lu^b (LU2) , (Lutheran ^b) - clone LU2, 2 ml
808 179	Seraclone Anti-Jk^a (JK1) , (Kidd ^a) - clone MS15, 2 ml
808 184	Seraclone Anti-Jk^b (JK2) , (Kidd ^b) - clone MS8, 2 ml

Rare Blood Grouping Reagents (polyclonal, liquid)

Liquid human polyclonal rare antisera.



Ordering Information

Catalog #	Description
808 120	Anti-k (KEL2) , (Cellano), 5 ml
808 131	Anti-Kp^a (KEL3) , (Penney), 2 ml
808 141	Anti-Kp^b (KEL4) , (Rautenberg), 2 ml
808 191	Anti-Fy^b (FY2) , (Duffy ^b), 2 ml
808 216	Anti-Lu^a (LU1) , (Lutheran ^a), 2 ml

Rare Blood Grouping Reagents (polyclonal, lyophilized)

Lyophilized human polyclonal rare antisera.



Ordering Information

Catalog #	Description
808 230	Anti-Xg^a (XG1) , 1 ml
808 260	Anti-Wr^a (DI3) , (Wright), 1 ml
808 270	Anti-Di^a (DI1) , (Diego), 1 ml

Reagent Red Blood Cells

Reagent Red Blood Cells for reverse typing, antibody screening and antibody identification.



Ordering Information

Catalog #	Description
816 009	Biotestcell -A₁, -A₂, -B, -O* , for reverse blood grouping, 4 x 10 ml
12012455	Biotestcell -A₁ & B* , for reverse blood grouping, 2 x 10 ml
12012454	Biotestcell -A₂* , for additional reverse blood grouping, 10 ml
12012453	Biotestcell -O* , for additional reverse blood grouping, 10 ml
816 006	Erytypecell -A₁, -A₂, -B, -O* , for reverse blood grouping on Erytype and Erytype S, 4 x 10 ml
816 041	Erytypecell -A₁* , for reverse blood grouping on Erytype and Erytype S, 10 ml
816 042	Erytypecell -A₂* , for reverse blood grouping on Erytype and Erytype S, 10 ml
816 043	Erytypecell -B* , for reverse blood grouping on Erytype and Erytype S, 10 ml
816 044	Erytypecell -O* , for reverse blood grouping on Erytype and Erytype S, 10 ml
816 028	Biotestcell -P* , pool cell for detection of antibodies, 3 x 10 ml
816 012	Biotestcell -P1, -P2* , for detection of antibodies, 2 x 10 ml
816 017	Biotestcell -P3* , for detection of antibodies, 3 x 10 ml
816 050	Biotestcell -P3 E , papainized cells for detection of antibodies tested with Solidscreen II, 3 x 10 ml
816 020	Biotestcell -I8* , for identification of antibodies, 8 x 4 ml
816 021	Biotestcell -I11* , for identification of antibodies, 11 x 4 ml
816 051	Biotestcell -I11 E* , papainized cells for identification of antibodies tested with Solidscreen II, 11 x 4 ml
816 026	Biotestcell -C* , cord cell for identification of cold agglutinins, 5 ml

* Shelf life at 2-8°C: minimum 7 weeks - Production every 4 weeks.

New
New
New

Anti-Human Globulins

Choice of polyspecific and monospecific Anti-Human Globulins.



Ordering Information

Catalog #	Description
Polyspecific Anti-Human Globulin (Coombs)	
804 020	Anti-Human-Globulin , Anti-IgG (polyclonal, rabbit) + Anti-C3d (monoclonal, clone BRIC8), 10 ml
804 120	Anti-Human-Globulin Color , Anti-IgG (polyclonal, rabbit) + Anti-C3d (monoclonal, clone BRIC8), 10 ml
804 115	Anti-Human-Globulin Color , Anti-IgG (polyclonal, rabbit) + Anti-C3d (monoclonal, clone BRIC8), 10 x 10 ml
804 130	Anti-Human-Globulin Color , Anti-IgG (polyclonal, rabbit) + Anti-C3d (monoclonal, clone BRIC8), 50 ml
Monospecific Anti-Human Globulin	
804 501	Anti-IgG , 5 ml
804 521	Anti-IgM , 2 ml
804 561	Anti-C3 , 2 ml
804 601	Anti-C3d , 5 ml
804 581	Anti-C4 , 2 ml

Supplements/Enzymes

Selection of supplements, enzymes, solutions to fulfill the blood group routine.



Ordering Information

Catalog #	Description
805 205	MLB 2 , modified LISS solution, suspension medium for red cells, 10 x 10ml
805 200	MLB 2 , modified LISS solution, suspension medium for red cells, 50 ml
805 012	Bromelin , for enzyme treatment of red cells in antibody detection, 10 ml
806 220	Bromelin Erytype ready to use , for enzyme treatment of red cells in blood typing with Erytype and Erytype S, 10 x 50 ml
805 030	Papain , lyophilized reagent for enzyme testing for the detection of red cell antibodies, 5 ml
805 128	Rinderalbumin 22% , polymerized, bovine albumin reagent, 10 ml
805 060	Rinderalbumin 22% , bovine albumin reagent, 10 x 10 ml
805 090	Rinderalbumin 30% , bovine albumin reagent, 10 x 10 ml
805 095	Rinderalbumin 30% , bovine albumin reagent, 50 ml
805 135	AB-Serum , antibody-free dilution medium, suspension medium and reagent for internal quality control in blood serological tests, 10 ml
806 505	Alsevers F , modified Alsevers solution, for suspension and stabilization of red cells, contains fungicide, 50 ml
806 506	Alsevers F , modified Alsevers solution, for suspension and stabilization of red cells, contains fungicide, 1,000 ml

Reagents for Quality Control

Quality controls for automated and tube testing.



Ordering Information

Catalog #	Description
816 034	Control Set QC* , whole blood quality control of ABO, Rh, Kell antisera and reverse typing, 4 x 5 ml
805 171	Seraclone Control ABO+Rh , negative control for monoclonal ABO and Rh reagents (Seraclone), 10 ml
816 033	Control Set E , red cells for quality control of Rh (including weak D) reagent and Kell antisera, 5 x 5 ml
816 036	Control Set S , test sera for quality control in antibody detection and compatibility testing, 3 x 10 ml
805 135	AB-Serum , antibody-free dilution medium, suspension medium and reagent for internal quality control in blood serological tests, 10 ml
816 030	Coombscell-E* , IgG loaded erythrocytes for control of the antiglobulin test, 10 ml
816 040	Coombszym-K , positive control reagent for internal quality control of antiglobulin and enzyme test, 10 ml

* Shelf life at 2-8°C: minimum 7 weeks (Control Set QC 6 weeks) - Production every 4 weeks.

Laboratory Accessories

Ordering Information

Catalog #	Description
830 200	Bioplate-System small plate I , 10 wells per plate, 50 pieces
830 210	Bioplate-System big plate II , 10 wells per plate, 20 pieces
830 202	Bioplate-System stirring device for plate I , 100 pieces
830 225	Bioplate-System big box II (for 4 big plates), 1 piece
830 506	Glass tubes , 1 Set (638 pieces/Set)
830 033 050	Cover glasses , 1 Set (50 pieces/Set)

Erytype-S Microtest Plates for Blood Grouping on TANGO infinity (strip format)

Ready-to-use microplates in a strip format with dried antisera for ABO and Rh typing on TANGO systems.



Ordering Information

Catalog #	Description
806 105	Erytype S ABO+D , for determination of ABO, RhD and reverse typing (<i>double typing with 2 monoclonal Anti-D reagents</i>) [Anti-A/-B/-D/-D/A ₁ /A ₂ /B/O]*, 10 plates (120 typings)
806 107	Erytype S ABO+D single , for determination of ABO, RhD and reverse typing [Anti-A/-B/-AB/-D/negative control/A ₁ /B/O]*, 10 plates (120 typings)
806 150	Erytype S Rh-Pheno double , for Rh subtyping (<i>double typing with 2 monoclonal Anti-C, -c, -E, -e reagents</i>) [Anti-C/-c/-E/-e/-C/-c/-E/-e]*, 10 plates (120 typings)
806 155	Erytype S CDE+K , for Rh subtyping and determination of Kell (<i>double typing with 2 monoclonal Anti-K reagents</i>) [Anti-CDE/-K/-K/negative control/Anti-CDE/-K/-K/negative control]*, 10 plates (240 typings)
806 115	Erytype S ABO , for determination of ABO and reverse typing [Anti-A/-B/-AB/negative control/A ₁ /A ₂ /B/O]*, 10 plates (120 typings)
806 165	Erytype S Rh(D) , for determination of RhD and CDE (<i>double typing with 2 monoclonal Anti-D reagents</i>) [Anti-D/-D/-CDE/negative control/Anti-D/-D/-CDE/negative control]*, 10 plates (240 typings)
806 181	Erytype S Rh+K , for Rh subtyping and determination of Kell (<i>double typing with 2 monoclonal Anti-K reagents</i>) [Anti-D/-C/-c/-E/-e/-K/-K/negative control]*, 10 plates (120 typings)
806 170	Erytype S Rh+K single , for Rh subtyping and determination of C ^w and Kell (<i>double typing with 2 monoclonal Anti-D reagents</i>) [Anti-D/-D/-C/-c/-E/-e/-C ^w /-K]*, 10 plates (120 typings)
806 180	Erytype S Rh+K reagent I , for Rh subtyping and determination of C ^w and Kell [Anti-D/-C/-c/-E/-e/-C ^w /-K/negative control]*, 10 plates (120 typings)
806 186	Erytype S Rh+K reagent II , for Rh subtyping and determination of C ^w and Kell (<i>detection with the 2. monoclonal cell line</i>) [Blank/Anti-C/-c/-E/-e/-C ^w /-K/negative control]*, 10 plates (120 typings)
806 110	Erytype S ABD Confirmation , for ABO and RhD confirmation [Anti-A/-B/-D/negative control/Anti-A/-B/-D/negative control]*, 10 plates (240 typings)
806 127	Erytype S ABD+Rev. A₁, B , for determination of ABO and RhD (<i>double typing with 2 monoclonal Anti-D reagents</i>) [Anti-A/-B/-AB/-D/-D/negative control/A ₁ /B]*, 10 plates (120 typings)
806 125	Erytype S ABD+Rev. A₁, B, O , for determination of ABO and RhD (<i>double typing with 2 monoclonal Anti-D reagents</i>) [Anti-A/-B/-D/-D/negative control/A ₁ /B/O], 10 plates (120 typings)

* Exact position of the reagents.

Reagents for Erytype and Erytype S

Provided reagents for use with Erytype and Erytype S.



Ordering Information

Catalog #	Description
816 006	Erytypecell-A₁, -A₂, -B, -O , for reverse blood grouping on Erytype and Erytype S, 4 x 10 ml
816 041	Erytypecell-A₁ , for reverse blood grouping on Erytype and Erytype S, 10 ml
816 042	Erytypecell-A₂ , for reverse blood grouping on Erytype and Erytype S, 10 ml
816 043	Erytypecell-B , for reverse blood grouping on Erytype and Erytype S, 10 ml
816 044	Erytypecell-O , for reverse blood grouping on Erytype and Erytype S, 10 ml
806 220	Bromelin Erytype ready to use , for enzyme treatment of red cells in blood typing with Erytype and Erytype S, 10 x 50 ml

Detection of Red Cell Antibodies/Crossmatch on Solidscreen II

Activated microtest plates in strip format for screening and identification of erythrocytic antibodies, DAT and crossmatch.



Ordering Information

Catalog # Description

Solidscreen II

806 521 **Solidscreen II Strip**, 10 plates (1 plate = 12 strips of 8 wells)

Reagents for Solidscreen II

806 515 **Anti-Human-Globulin Solidscreen II**, modified Anti-Human Globulin for Solidscreen II (detects C3b and C3d, sufficient for 5 Solidscreen II Strip microtest plates, approximately), 55 ml

806 516 **Anti-Human-Globulin Solidscreen II-Donor**, modified Anti-Human Globulin for Solidscreen II (does not detect complement, sufficient for 5 Solidscreen II Strip microtest plates, approximately), 55 ml

806 514 **Solidscreen II-Control**, positive control (Anti-D) for Solidscreen II, 4 ml

Detection of weak D and partial D on Solidscreen II

Reagent for weak D or partial D testing on Solidscreen II.



Ordering Information

Catalog # Description

806 530 **Solidscreen II Anti-D (RH1) Blend**, liquid reagent for detection of weak D and partial D of RhD negative blood samples - clone BS221/H41 11B7 (IgG), 5 ml

Serafol

Ready-to-use twin cards for identity proof prior to blood transfusion (bedside test).



Ordering Information

Catalog #	Description
803 110	Serafol ABO* , bedside card for blood group confirmation in bedside tests (ABO), 50 cards
803 120	Serafol ABO+D* , bedside card for blood group confirmation in bedside tests (ABO + RhD), 50 cards
803 100	Serafol ABO Single Kit* , 1 bedside card for blood group confirmation in bedside tests (ABO) (including 2 adhesive foils, 2 sticks and 1 reaction scheme per kit), 100 kits
803 030	Serafol Foil , adhesive foil for documentation of Serafol bedside cards, 100 foils
803 021	Serafol Sticks , for reagent mixing on Serafol bedside cards, 100 sticks

* Distribution in limited countries: Italy, Benelux, Spain, Portugal, Denmark, Sweden, Norway, Finland, United Kingdom, Ireland

Full Automation

TANGO infinity System



Ordering Information

Catalog #	Description
850 000 010	TANGO infinity , fully automated system for blood grouping, antibody screening, antibody differentiation, crossmatch and DAT, 1 unit

Consumables for TANGO infinity System

Ordering Information

Catalog #	Description
848 000 010	Cell mixer , 1 set (20 mixers/set)
848 000 080	Decontamination Clean (solution for monthly cleaning), 500 ml
848 000 090	Washing Solution Concentrate (washing buffer concentrate (5x) for tests performed on Solidscreen II plates), 6 x 1,000 ml
850 100 010	Cup , Suspension, 1 set (4 pcs)
850 100 020	Splash Bowl/Cup , Suspension, 1 set (6 pcs)
850 101 010	Barcode Labels for controls , 1 set (14 sheets of 70 labels)
12006440	Label Rinsing Solution , 500 pcs

A large area of the page is filled with horizontal dotted lines, providing a space for handwritten notes.



**Bio-Rad
Laboratories, Inc.**

**For further information, please contact the Bio-Rad office nearest
you or visit our website at bio-rad.com/diagnostics/immunohematology**

**Clinical
Diagnostics Group**

Website www.bio-rad.com/diagnostics **Australia** +61 (2) 9914 2800 **Austria** +43 (0) 1 877 89 01 9 **Belgium** +32 (0) 3 710 53 00 **Brazil** +55 11 3065 7550 **Canada** +1 514 334 4372
China +86 21 6169 8500 **Czech Republic** +420 241 431 660 **Denmark** +45 44 52 10 00 **Finland** +358 9 804 22 00 **France** +33 (0)1 47 95 60 00 **Germany** +49 (0) 89 31884 393
Greece +30 210 7774396 **Hong Kong** +85 2 2789 3300 **Hungary** +36 1 459 6190 **India** +91 124 4029300 **Israel** +972 03 963 6025 **Italy** +39 024 94 86 600
Japan +81 3 6361 7070 **Korea** +82 080 007 7373 **Mexico** +52 (55) 5488 7670 **The Netherlands** +31 (0)318 540 666 **New Zealand** +64 (9)415 2280 **Norway** +47 23 38 41 30
Poland +48 22 331 99 99 **Portugal** +351 21 47 27 700 **Russia** +7 495 721 1404 **Singapore** +65 6415 3170 **South Africa** +27 11 442 8508 **Spain** +34 91 490 6580
Sweden +46 844 98053 **Switzerland** +41 (0) 61 717 9555 **Taiwan** +886 (2) 2578-7189 **Thailand** (662) 651 8311 **United Kingdom** +44 (0)1923 471301