



Immunochemistry Product Code List

BioVue® Regions

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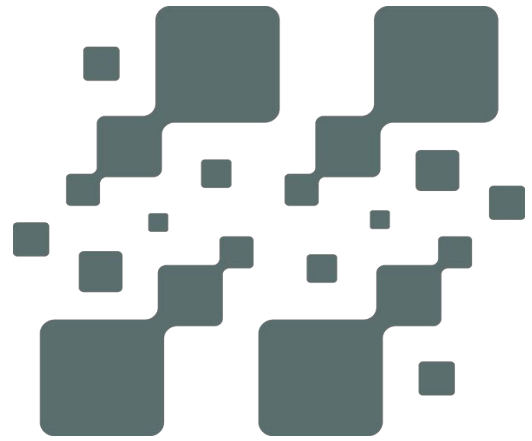


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Available Tests

ORTHO BioVue® System Cassettes

ABO-Rh-Kell & Reverse

Code	Product	Configuration	Presentation	Product Information
707150 707190	ABO-Rh Grouping Cassette	A, B, AB, D, CDE, control	100 cassettes 400 cassettes	Qualitative test for recognition of the A (ABO1), B (ABO2), D (RH1), C (RH2) and E (RH3) antigens on human red blood cells.
707155 707100	ABO-Rh/Reverse Grouping Cassette	A, B, D, control, reverse, reverse	100 cassettes 400 cassettes	Qualitative test for the determination of the ABO blood group and D (RH1) antigens on human red blood cells and for determination of expected blood group antibodies.
6197777	DVI Grouping Cassette	A, B, AB, D, D(DVI), control	100 cassettes	Intended for tests in screening of human red blood cells for the presence or absence of the A (ABO1)/B (ABO2)/A,B (ABO3)/D (RH1)/D(DVI) (RH1) antigens.
6197778	ABD(DVI) Donor Confirmation Cassette	2 x A, B, D(DVI)	100 cassettes	Intended for tests in confirmation of human donor red blood cells for the presence or absence of the A (ABO1)/B (ABO2)/D(DVI) (RH1) anti-gens.
707119	ABO-DD Grouping Cassette	A, B, AB, D, D, control	100 cassettes	Qualitative test for recognition of the A (ABO1), B (ABO2), and D (RH1) antigens on human red blood cells.
707270	ADK Cassette	A, B, D, D, Kell, control	100 cassettes	Qualitative test for recognition of the A (ABO1), B (ABO2), D (RH1) and K (K1) antigens on human red blood cells.
707135 6904485	ABD Confirmation Cassette	2 x A, B, D	100 cassettes 100 cassettes	Qualitative test for confirmation of the A (ABO1), B (ABO2) and D (RH1) antigens on human red blood cells.
6986736	ABD/Reverse Cassette	A, B, AB, D, reverse, reverse	400 cassettes	Qualitative test for determination of the ABO blood group and D (RH1) antigens on human red blood cells and for determination of expected blood group antibodies.

ABO-Rh-Kell & Reverse (continued)

Code	Product	Configuration	Presentation	Product Information
707250 707280	Rh/K Cassette	C, E, \bar{c} , e, K, control	100 cassettes 400 cassettes	Qualitative test for recognition of the C (RH2), E (RH3), \bar{c} (RH4), e (RH5) and K (K1), antigens on human red blood cells.
6986735	Rh/K II Cassette	C, E, \bar{c} , e, K, control	100 cassettes	Qualitative test for recognition of the C (RH2), E (RH3), \bar{c} (RH4), e (RH5) and K (K1) antigens on human red blood cells.
707255	Rh-hr Cassette	D, C, E, \bar{c} , e, control	100 cassettes	Qualitative test for recognition of the D (RH1), C (RH2), E (RH3), \bar{c} (RH4) and e (RH5) antigens on human red blood cells.
707117	K Cassette	6 x K	100 cassettes	Qualitative test for the screening of the K (K1) antigen for donor cells.
707550 707580	Reverse Diluent Cassette	6 x Reverse	100 cassettes 400 cassettes	Principally for use in the determination of expected ABO blood group antibodies and anti-body screen procedures for direct agglutination.

Irregular Antibody Investigations

Code	Product	Configuration	Presentation	Product Information
707350 707300	Poly Cassette	6 x AHG	100 cassettes 400 cassettes	Qualitative procedure for the detection of IgG or complement bound to red blood cells.
707450 707400	AHG Anti-IgG Cassette	6 x Anti-IgG	100 cassettes 400 cassettes	Qualitative procedure for the detection of IgG bound to red blood cells.
707650 707680	Neutral Cassette	6 x Neutral	100 cassettes 400 cassettes	Principally for use in antibody detection using enzyme procedures.
707355 707310	AHG Polyspecific/Neutral Cassette	3 x AHG, 3 x Neutral	100 cassettes 400 cassettes	Qualitative procedure for the detection of unexpected blood group antibodies by enzyme and non-enzyme procedures.

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Specific Cassettes

Code	Product	Configuration	Presentation	Product Information
707165	DAT/IDAT Cassette	2 x IgG, C3b & C3d, control	100 cassettes	Qualitative procedure for the detection of IgG or complement bound to red blood cells.
6901906	Newborn Cassette	A, B, AB, D, control, anti-IgG	100 cassettes	Qualitative test for recognition of the A (ABO1), B (ABO2) and D (RH1) antigens on human red blood cells and for the detection of cell-bound IgG antibody in newborns.

Liners

Code	Product	Configuration	Presentation	Product Information
4056	ORTHO BioVue® System Liners		20 Liners	For use in opening Ortho® BioVue System blood grouping and typing cassettes.

Reagents for ORTHO BioVue® System Cassettes

Red Blood Cells for Reverse Testing

Reagent Red Blood Cells products - BioVue® are fitted with screw caps and are barcoded for use on Ortho® Automation systems.

Code	Product	Configuration	Presentation	Product Information
707930	AFFIRMAGEN®	A ₁ & B cells 3%	2 x 3 mL	For confirmation of ABO forward (red cell) grouping in the Ortho® BioVue System.
707910	AFFIRMAGEN® 4	A ₁ , A ₂ , B and O cells 3%	4 x 3 mL	For confirmation of ABO forward (red cell) grouping in the Ortho® BioVue System.
719202	0.8% AFFIRMAGEN® 2	A ₁ & B cells	2 x 10 mL	For use with Ortho BioVue® System to confirm the ABO forward (red cell) group.
719212	0.8% AFFIRMAGEN® 3	A ₁ , A ₂ , B cells	3 x 10 mL	For use with Ortho BioVue® System to confirm the ABO forward (red cell) group.
719221	0.8% AFFIRMAGEN® 4	A ₁ , A ₂ , B and O cells	4 x 10 mL	For use with Ortho BioVue® System to confirm the ABO forward (red cell) group.

Red Blood Cells for Antibody Screening

0.8% Reagent Red Blood Cells products - BioVue® are fitted with screw caps and are barcoded for use on Ortho® Automation systems.

Code	Product	Configuration	Presentation	Product Information
707940	SELECTOGEN®	two-cell screen 3%	2 x 3 mL	Qualitative test to detect unexpected blood group antibodies.
707950	SURGISCREEN®	three-cell screen 3%	3 x 3 mL	Qualitative test to detect unexpected blood group antibodies.
719602	0.8% SELECTOGEN®	two-cell set	2 x 10 mL	For use with the Ortho BioVue® System to detect or identify unexpected blood group antibodies.
719102	0.8% SURGISCREEN®	three-cell set	3 x 10 mL	For use with the Ortho BioVue® System to detect or identify unexpected blood group antibodies.
719111	0.8% BioVue® Screen	3 untreated & 3 ficin-treated cells	6 x 10 mL	For use with the Ortho BioVue® System to detect or identify unexpected blood group antibodies by enzyme and non-enzyme methods.

Red Blood Cells for Antibody Identification

Code	Product	Configuration	Presentation	Product Information
6901865	RESOLVE® Panel A	11-cell panel 3%	11 x 3 mL	Qualitative test to detect and/or identify unexpected blood group antibodies.
6901866	RESOLVE® Panel B	11-cell panel 3%	11 x 3 mL	Qualitative test to detect and/or identify unexpected blood group antibodies.
719502	0.8% RESOLVE® Panel A	11-cell panel	11 x 3 mL	For use with the Ortho BioVue® System to detect or identify unexpected blood group antibodies.
719522	0.8% RESOLVE® Panel B	11-cell panel	11 x 3 mL	For use with the Ortho BioVue® System to detect or identify unexpected blood group antibodies.
719402	0.8% RESOLVE® Panel C System	Panel of 11 untreated & 11 ficin-treated cells	2 x (11 x 3mL)	For use with the Ortho BioVue® System to detect or identify unexpected blood group antibodies-by enzyme and non-enzyme methods.

Ortho BioVue® System Diluent

Code	Product	Configuration	Presentation	Product Information
6902040 707116	ORTHO® BLISS (BioVue®)	Phosphate-buffered low ionic strength solution (LISS)	3 x 10 mL 4 x 50 mL	A low ionic strength solution (LISS) for use with the Ortho BioVue® System.
718820 718825	ORTHO® 0.8% Red Cell Diluent (RCD)	Low ionic strength solution	3 x 10 mL 1 x 50 mL	To be used in the Ortho BioVue® System for the preparation of 0.8% red cell suspensions.

Antisera for ABO, Rh, and Extended Phenotype

Code	Product	Description	Presentation	Product Information
423503	Anti-A ₁ for BioVue Lectin	Lectin (Dolichos biflorus)	1 x 3 mL	A ₁ Lectin (derived from Dolichos biflorus) is used for the qualitative in vitro determination of A ₁ or A ₂ phenotype (subgroup) on human red blood cells. The reagent reacts strongly with A ₁ cells but weakly with A ₂ cells.
223003	Anti-Co ^a for BioVue Cassette	Polyclonal, human	1 x 3 mL	For the qualitative in vitro detection of human Co ^a positive red blood cells by the indirect antiglobulin test.
222703	Anti-Co ^b for BioVue Cassette	Polyclonal, human	1 x 3 mL	For the qualitative in vitro detection of human Co ^b positive red blood cells by the indirect antiglobulin test.
117703	Anti-C ^w for BioVue Cassette	Monoclonal, human IgM	1 x 3 mL	For the qualitative in vitro detection of the C ^w antigen on human red cells by the direct agglutination test.
223203	Anti-C ^w for BioVue Cassette	Polyclonal, human	1 x 3 mL	For the qualitative in vitro detection of the C ^w antigen on human red cells by the indirect anti-globulin test.
222903	Anti-Dj ^a for BioVue Cassette	Polyclonal, human	1 x 3 mL	For the qualitative in vitro detection of human Dj ^a positive red blood cells by the indirect antiglobulin test.
218203	Anti-Fy ^a for BioVue Cassette	Polyclonal, human	1 x 3 mL	For the qualitative in vitro detection of human Fy ^a positive red blood cells by the indirect antiglobulin test.
218303	Anti-Fy ^b for BioVue Cassette	Polyclonal, human	1 x 3 mL	For the qualitative in vitro detection of human Fy ^b positive red blood cells by the indirect antiglobulin test.
119803	Anti-H (A2) for BioVue Cassette	Monoclonal, mouse	1 x 3 mL	For the qualitative in vitro detection of free H substance on human red cells for differentiation between A1 and A2 blood. Negative reactions are expected with A1 cells, while stronger reactions occur with A2 cells or weaker A variants. The strongest reactions are seen with group O red cells.

Antisera for ABO, Rh, and Extended Phenotype (continued)

Code	Product	Description	Presentation	Product Information
121203	Anti-Jk ^a for BioVue Cassette	Monoclonal, human IgM	1 x 3 mL	For the qualitative in vitro detection of human Jk ^a positive red blood cells by the direct agglutination test.
218403	Anti-Jk ^a for BioVue Cassette	Polyclonal, human	1 x 3 mL	For the qualitative in vitro detection of human Jk ^a positive red blood cells by the indirect antiglobulin test.
121303	Anti-Jk ^b for BioVue Cassette	Monoclonal, human IgM	1 x 3 mL	For the qualitative in vitro detection of human Jk ^b positive red blood cells by the direct antiglobulin test.
218503	Anti-Jk ^b for BioVue Cassette	Polyclonal, human	1 x 3 mL	For the qualitative in vitro detection of human Jk ^b positive red blood cells by the indirect antiglobulin test.
123303	Anti-k (Cellano) for BioVue Cassette	Monoclonal, human IgG	1 x 3 mL	For the qualitative in vitro detection of the Cel-lano (k) antigen on human red blood cells by the Indirect Agglutination Test.
217803	Anti-k (Cellano) for BioVue Cassette	Polyclonal, human	1 x 3 mL	For the qualitative in vitro detection of the Cel-lano (k) antigen on human red blood cells by the indirect antiglobulin test.
219403	Anti-Kp ^a for BioVue Cassette	Polyclonal, human	1 x 3 mL	For the qualitative in vitro detection of human Kp ^a positive red blood cells by the indirect antiglobulin test.
219503	Anti-Kp ^b for BioVue Cassette	Polyclonal, human	1 x 3 mL	For the qualitative in vitro detection of human Kp ^b positive red blood cells by the indirect antiglobulin test.
123403	Anti-Le ^a for BioVue Cassette	Monoclonal, mouse	1 x 3 mL	For the qualitative in vitro detection of human Le ^a positive red blood cells by the direct antiglobulin test.

Antisera for ABO, Rh, and Extended Phenotype (continued)

Code	Product	Description	Presentation	Product Information
123703	Anti-Le ^b for BioVue Cassette	Monoclonal, mouse	1 x 3 mL	For the qualitative in vitro detection of human Le ^b positive red blood cells by the direct antiglobulin test.
219203	Anti-Lu ^a for BioVue Cassette	Polyclonal, human	1 x 3 mL	For the qualitative in vitro detection of human Lu ^a positive red blood cells by the indirect antiglobulin test.
219303	Anti-Lu ^b for BioVue Cassette	Polyclonal, human	1 x 3 mL	For the qualitative in vitro detection of human Lu ^b positive red blood cells by the indirect antiglobulin test.
123603	Anti-M for BioVue Cassette	Monoclonal, mouse	1 x 3 mL	For the qualitative in vitro detection of human M positive red blood cells by the direct antiglobulin test.
118003	Anti-N for BioVue Cassette	Monoclonal, mouse	1 x 3 mL	For the qualitative in vitro detection of human N positive red blood cells by the direct antiglobulin test.
121603	Anti-S for BioVue Cassette	Monoclonal, human IgM	1 x 3 mL	For the qualitative in vitro detection of human S positive red blood cells by the direct antiglobulin test.
218803	Anti-S for BioVue Cassette	Polyclonal, human	1 x 3 mL	For the qualitative in vitro detection of human S positive red blood cells by the indirect antiglobulin test.
119903	Anti-s for BioVue Cassette	Monoclonal, human IgM	1 x 3 mL	For the qualitative in vitro detection of human s positive red blood cells by the direct antiglobulin test.
218903	Anti-s for BioVue Cassette	Polyclonal, human	1 x 3 mL	For the qualitative in vitro detection of human s positive red blood cells by the indirect antiglobulin test.
222803	Anti-Wr ^a for BioVue Cassette	Polyclonal card, human	1 x 3 mL	For the qualitative in vitro detection of human Wr ^a positive red blood cells by the indirect anti-globulin test.

Antisera for ABO, Rh, and Extended Phenotype (continued)

Code	Product	Description	Presentation	Product Information
6904623	ORTHO™ Sera Anti-D (DVI) (Anti-RH1)	Monoclonal, human IgM	5 mL	For the qualitative in vitro detection of human RhD positive red blood cells by the direct agglutination test. This Anti-D reagent will detect D category DVI cells.
6904493	ORTHO™ Sera Anti-D (IAT) (Anti-RH1) (WEAK D)	Monoclonal, human IgM/IgG (blend)	1 x 5 mL	For the qualitative in vitro detection of human RhD positive blood group status by the indirect antiglobulin test.
6904486	ORTHO™ Sera Anti-Fy ^a (Anti-FY1)	Monoclonal, human IgG	1 x 5 mL	For the qualitative in vitro detection of human Fy ^a positive red blood cells by the indirect antiglobulin test.
6904487	ORTHO™ Sera Anti-Fy ^b (Anti-FY2)	Polyclonal, human	1 x 5 mL	For the qualitative in vitro detection of human Fy ^b positive red blood cells by the indirect antiglobulin test.
6904488	ORTHO™ Sera Anti-Jk ^a (Anti-JK1)	Monoclonal, human IgM	1 x 5 mL	For the qualitative in vitro detection of human Jk ^a positive red blood cells by the direct agglutination test.
6904489	ORTHO™ Sera Anti-Jk ^b (Anti-JK2)	Monoclonal, human IgM	1 x 5 mL	For the qualitative in-vitro detection of human Jk ^b positive red blood cells by the direct agglutination test.
6904492	ORTHO™ Sera Anti-K (Anti-KEL1)	Monoclonal, human IgM	1 x 5 mL	For the qualitative in vitro detection of human K positive red blood cells by the direct agglutination test.
6904497	ORTHO™ Sera Anti-Le ^a (Anti-LE1)	Monoclonal, mouse IgM	3 mL	For the qualitative in vitro detection of human Le ^a positive red blood cells by the direct agglutination test.
6904498	ORTHO™ Sera Anti-Le ^b (Anti-LE2)	Monoclonal, mouse IgM	3 mL	For the qualitative in vitro detection of human Le ^b positive red blood cells by the direct agglutination test.
6904494	ORTHO™ Sera Anti-M (Anti-MNS1)	Monoclonal, mouse IgG	5 mL	For the qualitative in vitro detection of human M positive red blood cells by the direct agglutination test.

Antisera for ABO, Rh, and Extended Phenotype (continued)

Code	Product	Description	Presentation	Product Information
6904495	ORTHO™ Sera Anti-N (Anti-MNS2)	Monoclonal, mouse IgG	3 mL	For the qualitative in vitro detection of human N positive red blood cells by the direct agglutination test.
6904496	ORTHO™ Sera Anti-P1 (Anti-P1PK1)	Monoclonal, mouse IgM	3 mL	For the qualitative in vitro detection of human P1 positive red blood cells by the direct agglutination test.
6904490	ORTHO™ Sera Anti-S (Anti-MNS3)	Monoclonal, human IgG	1 x 5 mL	For the qualitative in vitro detection of human S positive red blood cells by the indirect antiglobulin test.
6904491	ORTHO™ Sera Anti-s (Anti-MNS4)	Monoclonal, human IgG	1 x 5 mL	For the qualitative in vitro detection of human s positive red blood cells by the indirect antiglobulin test.

Quality Controls

Code	Product	Description	Presentation	Product Information
6842785	ORTHO CONFIDENCE™ WB Quality Control Kit	Simulated Whole Blood Quality Control	Kit (4 x 6.5 mL)	Qualitative controls to assure the reliability of basic blood bank serological reagents and automated/manual blood grouping systems using column agglutination techniques.
6708855*	ORTHO™ Daily QC Kit	Simulated Whole Blood Quality Control	Kit (4 x 6.5 mL)	Qualitative controls of ABO, Rh phenotype, K typing, and antibody screening using column agglutination techniques.
6986728	ORTHO™ Sera Reagent Control	Negative control	1 x 3 mL	For use as a negative control with Direct Agglutination and Indirect Antiglobulin ORTHO™ Sera tests performed on ORTHO BioVue® Column Agglutination Technology.
05147	Ctrl Monoclonal Reagent	Control-solution for monoclonal reagents	1 x 10 mL	A control solution used to validate positive results obtained when using monoclonal reagents. A doubtful result may occur in the presence of autoimmunoglobulins, protein anomalies, rouleaux or positive DAT (Direct Antiglobulin Test).

*Pending local registrations.

Reagents for Slide or Tube Tests Red Blood Cells for Reverse Testing

Code	Product	Configuration	Presentation	Product Information
6901861	AFFIRMAGEN®	A ₁ and B cells 3%	2 x 10 mL	To confirm the ABO forward (red cell) group.
719220	AFFIRMAGEN® 4	A ₁ , A ₂ , B and O cells 3%	4 x 10 mL	To confirm the ABO forward (red cell) group.
6901862	ORTHO® A ₂ Cells	A ₂ cells 3%	1 x 10 mL	For confirmation of the presence of anti-A and identification of anti-A ₁ .

Red Blood Cells for Antibody Screening

Code	Product	Configuration	Presentation	Product Information
6901863	SELECTOGEN®	two-cell screen 3%	2 x 10 mL	Qualitative test to detect and/or identify unexpected blood group antibodies.
6901864	SURGISCREEN®	three-cell screen 3%	3 x 10 mL	Qualitative test to detect and/or identify unexpected blood group antibodies.
719100	SURGISCREEN®	three-cell screen 3%	3 x 10 mL	A qualitative test for the detection of unexpected blood group antibodies.

Red Blood Cells for Antibody Identification

Code	Product	Configuration	Presentation	Product Information
6901865	RESOLVE® Panel A	11-cell panel 3%	11 x 3 mL	Qualitative test to detect and/or identify unexpected blood group antibodies.
6901866	RESOLVE® Panel B	11-cell panel 3%	11 x 3 mL	Qualitative test to detect and/or identify unexpected blood group antibodies.
6901867	RESOLVE® Panel C Untreated and Ficin-Treated	Panel of 11 untreated & 11 ficin-treated cells, 3%	2 x (11 x 3 mL)	Qualitative test for the identification of unexpected blood group antibodies. Untreated and ficin-treated cells may be used in parallel.
719510	RESOLVE® Panel A	11-cell panel 3%	11 x 3 mL	A qualitative test for the identification of unexpected blood group antibodies.

Red Blood Cells for Antibody Identification (continued)

Code	Product	Configuration	Presentation	Product Information
719520	RESOLVE® Panel B	11-cell panel 3%	11 x 3 mL	A qualitative test for the resolution of complex mixtures of blood group antibodies.

Antisera for ABO and RhD Phenotype

Code	Product	Description	Presentation	Product Information
711228	Anti-A (Anti-ABO1) BioClone®	Murine Monoclonal Blend	3 x 10 mL	Qualitative test for recognition of the A (ABO1) antigen and its subgroups on human red blood cells.
6902044	Anti-A MolterClone™	Murine Monoclonal, IgM	3 x 10 mL	Qualitative test for recognition of the A antigen and its subgroups on human red blood cells.
711328	Anti-B (Anti-ABO2) BioClone®	Murine Monoclonal Blend	3 x 10 mL	Qualitative test for recognition of the B (ABO2) antigen on human red blood cells.
6902045	Anti-B MolterClone™	Murine Monoclonal, IgM	3 x 10 mL	Qualitative test for recognition of the B antigen on human red blood cells.
711528	Anti-A,B (Anti-ABO3) BioClone®	Murine Monoclonal Blend	3 x 10 mL	Qualitative test for recognition of the A (ABO1) antigen and its subgroups and the B (ABO2) antigen on human red blood cells.
6902046	Anti-A,B MolterClone™	Murine Monoclonal Blend	3 x 10 mL	Qualitative test for recognition of the A antigen and its subgroups and/or the B antigen on human red blood cells.
712370	Anti-D (Anti-RH1) BioClone®	Monoclonal-Polyclonal Blend, human	3 x 10 mL	Qualitative test for recognition of the D (RH1) antigen on human red blood cells.
6901939 717380	Anti-D (Anti-RH1), BioClone®	Monoclonal-Polyclonal Blend, human	3 x 10 mL 15 x 10 mL	Qualitative test for the recognition of the D (RH1) antigen on human red blood cells.
690121A	Anti-D (RH1)	Monoclonal, human IgM	1 x 10 mL	Qualitative test for the recognition of the D (RH1) antigen on human red blood cells. This reagent reacts negatively with erythrocytes of category DVI.

Antisera for ABO and RhD Phenotype (continued)

Code	Product	Description	Presentation	Product Information
712105	Anti-D (Anti-RH1)	Polyclonal, human	1 x 10 mL	Qualitative test for the recognition of the D (RH1) antigen on human red blood cells.
6902041	Anti-D (RH1) IgM + IgG blend BioClone®	Monoclonal, human IgM + IgG	3 x 10 mL	Qualitative test for the recognition of the D (RH1) antigen on human red blood cells.
6902047	Anti-D (RH1) MolterClone™	Monoclonal IgM/IgG Blend, human	3 x 10 mL	Qualitative test for recognition of the D (RH1) antigen on human red blood cells.
715120	Anti-A ₁ Lectin (Anti-ABO4)	Dolichos biflorus	1 x 3 mL	Qualitative test for the further characterization of samples already classified as group A (ABO1) or group AB (ABO3).
690091A	Anti-H OrthoClone (Anti-H (A2))	Monoclonal, mouse IgM	1 x 5 mL	To differentiate red blood cells into type A1 or A2. There is no free H-substance on A1 A1-bloods. A1B-, A1O- and especially BO-types have residual amounts of H-substance and show weak reactions with Anti-H. Strong reactions occur with A2-types or weaker A-types. Strongest reactions are seen with O-bloods.

Antisera for Rh and Kell Phenotype

Code	Product	Description	Presentation	Product Information
713118	Anti-C (Anti-RH2) BioClone®	Monoclonal, human	1 x 5 mL	Qualitative test for recognition of the C (RH2) antigen on human red blood cells.
690211A	Anti-C (RH2) (human) OrthoClone	Monoclonal IgM, human	1 x 5 mL	Qualitative test for recognition of the C (RH2) antigen on human red blood cells.
713120	Anti-c (Anti-RH4) BioClone®	Monoclonal, human	1 x 5 mL	Qualitative test for recognition of the c (RH4) antigen on human red blood cells.
690281A	Anti-c (Anti-RH4) OrthoClone	Monoclonal IgM, human	1 x 5 mL	Qualitative test for recognition of the c (RH4) antigen on human red blood cells.
690141A	Anti-CDE (RH2,1,3) OrthoClone	Monoclonal IgM + IgG, human	1 x 10 mL	Qualitative test to determine whether red blood cells possess or lack the blood group antigens C, D and E.

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Antisera for Rh and Kell Phenotype (continued)

Code	Product	Description	Presentation	Product Information
690162A	Anti-CDE	Monoclonal IgM, human	1 x 10 mL	Qualitative test to determine whether red blood cells possess or lack the blood group antigens C, D and E.
690221A	Anti-C ^w (RH8) OrthoClone	Monoclonal IgM, human	1 x 3 mL	Qualitative test for recognition of the C ^w (RH8) antigen on human red blood cells.
713121	Anti-C ^w (Anti-RH8)	Polyclonal IgM, human	1 x 3 mL	Qualitative test for recognition of the C ^w (RH8) antigen on human red blood cells.
713119	Anti-E (Anti-RH3) BioClone [®]	Monoclonal, human	1 x 5 mL	Qualitative test for recognition of the E (RH3) antigen on human red blood cells.
690291A	Anti-E (RH3)	Monoclonal IgM, human	1 x 5 mL	Qualitative test for recognition of the E (RH3) antigen on human red blood cells.
690321A	Anti-E (Anti-E (RH3) OrthoClone	Monoclonal IgM, human	1 x 5 mL	Qualitative test for recognition of the E (RH3) antigen on human red blood cells.
690361A	Anti-e (Anti-e (RH5) OrthoClone	Monoclonal IgM, human	1 x 5 mL	Qualitative test for recognition of the e (RH5) antigen on human red blood cells.
713125	Anti-e (RH5) BioClone [®]	Monoclonal IgM, human	1 x 5 mL	Qualitative test for recognition of the e (RH5) antigen on human red blood cells.
713129	Anti-Kell (KEL1) BioClone [®]	Monoclonal IgM, human	1 x 5 mL	Qualitative test for recognition of the Kell (KEL1) antigen on human red blood cells.
690461A	Anti-Kell (KEL1) OrthoClone	Monoclonal IgM, human	1 x 10 mL	To determine whether red blood cells possess or lack the corresponding blood group antigen K (KEL1).
690482A	Anti-Kell (KEL1)	Polyclonal, human	1 x 5 mL	Coombs-reactive reagent is used to determine whether red blood cells possess or lack the corresponding blood group antigen K (KEL1).
721107	Anti-k (Cellano) (Anti-KEL2)	Polyclonal, human	1 x 3 mL	Qualitative test for the recognition of the k (KEL2) antigen on human red blood cells.
690652A	Anti-Kp ^a	Polyclonal, human	1 x 3 mL	Coombs-reactive reagent is used to determine whether red blood cells possess or lack the corresponding blood group antigen Kp ^a .

Antisera for Extended Phenotype

Code	Product	Description	Presentation	Product Information
715121	Anti-Fy ^a (Anti-FY1)	Polyclonal, human	1 x 3 mL	Qualitative test for recognition of the Fy ^a (FY1) antigen on human red blood cells by the indirect antiglobulin test.
715122	Anti-Fy ^b (Anti-FY2)	Polyclonal, human	1 x 3 mL	Qualitative test for the recognition of the Fyb (FY2) antigen on human red blood cells by the indirect antiglobulin test.
721105	Anti-Jk ^a (Anti-JK1) BioClone [®]	Monoclonal	1 x 3 mL	Qualitative test for recognition of the Jk ^a (JK1) antigen on human red blood cells.
721106	Anti-Jk ^b (Anti-JK2) BioClone [®]	Monoclonal	1 x 3 mL	Qualitative test for recognition of the Jk ^b (JK2) antigen on human red blood cells.
6901859	Anti-Le ^a (Anti-LE1) BioClone [®] 2.0	Monoclonal	1 x 5 mL	Qualitative test for recognition of the Le ^a (LE1) antigen on human red blood cells.
6901860	Anti-Le ^b (Anti-LE2) BioClone [®] 2.0	Monoclonal	1 x 5 mL	Qualitative test for recognition of the Le ^b (LE2) antigen on human red blood cells.
690612A*	Anti-Lu ^a	Polyclonal, human	1 x 3 mL	Coombs-reactive reagent is used to determine whether red blood cells possess or lack the corresponding blood group antigen Lu ^a .
690622A	Anti-Lu ^b	Polyclonal, human	1 x 3 mL	Coombs-reactive reagent is used to determine whether red blood cells possess or lack the corresponding blood group antigen Lu ^a .
715123	Anti-M (Anti-MNS1)	Polyclonal, rabbit	1 x 5 mL	Qualitative test for the recognition of the M (MNS1) antigen on human red blood cells.
690401A	Anti-N OrthoClone	Monoclonal, mouse	1 x 5 mL	Reagent is used to determine whether red blood cells possess or lack the corresponding blood group antigen N.
715124	Anti-N (Anti-MNS2)	Polyclonal, rabbit	1 x 5 mL	Qualitative test for the recognition of the N (MNS2) antigen on human red blood cells.

* Product availability is subject to raw material availability.

Antisera for Extended Phenotype (continued)

Code	Product	Description	Presentation	Product Information
691181A	Anti-P ₁ OrthoClone	Monoclonal IgM, mouse	1 x 5 mL	Reagent is used to determine whether red blood cells possess or lack the corresponding blood group antigen P ₁ .
Z202	Anti-P1 ALBAclone®	Monoclonal, mouse	1 x 3 mL	For the in vitro detection and identification of human P1 positive red blood cells by direct agglutination.
714103	Anti-S (Anti-MNS3)	Polyclonal, human	1 x 3 mL	Qualitative test for the recognition of the S (MNS3) antigen on human red blood cells by the indirect antiglobulin test.
714104	Anti-s (Anti-MNS4)	Polyclonal, human	1 x 3 mL	Qualitative test for the recognition of the s (MNS4) antigen on human red blood cells by the indirect antiglobulin test.
690632A	Anti-Xg ^a	Polyclonal, human	1 x 3 mL	Coombs-reactive reagent is used to determine whether red blood cells possess or lack the corresponding blood group antigen Xg ^a .

AHG (Anti-Human Globulin) Reagents

Code	Product	Description	Presentation	Product Information
716122	AHG - Anti-IgG, -C3d, Polyspecific BioClone® - Green	Monoclonal Blend, murine and rabbit	1 x 10 mL	Qualitative test for the detection of IgG or complement bound to red blood cells.
716121	AHG - Anti-IgG, -C3d, Polyspecific BioClone® - Clear	Monoclonal Blend, murine and rabbit	1 x 10 mL	Qualitative test for the detection of IgG or complement bound to red blood cells.
6902049	AHG - MolterClone™ - Green	Anti-IgG (rabbit, polyclonal) Anti-C3d (murine monoclonal)	3 x 10 mL	Qualitative test for the detection of IgG or C3d complement components bound to red blood cells.
716123	Anti-IgG	Rabbit	1 x 10 mL	Qualitative test for the detection of IgG bound to red blood cells.

AHG (Anti-Human Globulin) Reagents (continued)

Code	Product	Description	Presentation	Product Information
716760 716700	Anti-IgG - Green	Rabbit	1 x 10 mL 100 x 10 mL	Qualitative procedure for the detection of IgG bound to red blood cells.
716114	Anti-C3d BioClone®	Monoclonal Blend, murine	1 x 3 mL	Qualitative test for the detection of a component of complement bound to red blood cells.
716115	Anti-C3b, -C3d BioClone®	Monoclonal Blend, murine	1 x 3 mL	Qualitative test for the detection of a component of complement bound to red blood cells.

Quality Control

Code	Product	Description	Presentation	Product Information
6902042	Rh Control BioClone® (for 6902041)	Negative control	3 x 10 mL	Control reagent for Anti-D (RH1) IgM + IgG Bio-Clone
715460	ORTHO® Rh-hr Control	Negative control	1 x 10 mL	Control reagent for Anti-D (RH1)
6901868	ORTHO® Coombs Control	Positive control	1 x 10 mL	Qualitative test to confirm the validity of negative antiglobulin tests
Z44	ALBAcyte® IgG Sensitised Cells Reagent Red Blood Cells	Positive control	3 x 10 mL	These reagent red cells are for the control of the anti-human globulin test.
05147	Ctrl Monoclonal Reagent	Control-solution for monoclonal reagents	1 x 10 mL	A control solution used to validate positive results obtained when using monoclonal reagents. A doubtful result may occur in the presence of autoimmunoglobulins, protein anomalies, rouleaux or positive DAT (Direct Antiglobulin Test).
6842785	ORTHO CONFIDENCE™ WB Quality Control Kit	Simulated Whole Blood Quality Control	Kit (4 x 6.5 mL)	Intended for use as qualitative controls to assure the reliability of basic blood bank serological reagents and automated/manual blood grouping systems using column agglutination techniques
719816	ORTHO® BRC Set Blood Bank Reagent Control Set	Set of three control sera (S1-S3) and five 3% red cell suspensions (E1-E5)	Sera: 2 x 5 mL (S1), 1 x 3.5 mL (S2), 1 x 5 mL (S3) Red Cells: 3 x 3.5 mL (E1, E2, E4, E5), 2 x 5 mL (E3)	Qualitative controls to validate the effectiveness of Ortho-Clinical Diagnostics' blood bank reagents

Immunohematology Product Code List

Enhancement Reagents

Code	Product	Description	Presentation	Product Information
718109	Bovine Albumin 22%	Solution to enhance the reactivity of blood group antibodies and the sensitivity of the indirect antiglobulin test	3 x 10 mL	Enhancement reagent for manual qualitative tests for antibody detection, antibody identification, antibody titration and compatibility testing using human plasma or serum.
718110	Bovine Albumin Polymerized	Low ionic strength solution (LISS) for use in antibody detection, identification and compatibility testing.	4 x 10 mL	Enhancement reagent for qualitative use in antibody detection, identification, titration and compatibility testing. May be used to enhance the reactivity of blood group antibodies and the sensitivity of the indirect antiglobulin test.
6902527	ORTHO® Antibody Enhancement Solution	Enhancement Solution	3 x 10 mL	Low ionic strength solution (LISS) for use in antibody detection, identification and compatibility testing.
955002	ORTHO® Bromelin MT6	Enhancement Solution	100 tests	Enzyme enhancement solution intended for antibody detection and antibody identification of Rh blood group system antibodies using human plasma or serum.

Other Reagents

Code	Product	Description	Presentation	Product Information
6844285	ORTHO™ 7% BSA for ORTHO VISION®	Pre-filled vials used for Ortho Vision Analyzer maintenance	12 x 5 mL	An aqueous solution of bovine serum, inorganic salts, and preservatives for General Laboratory Use.
6986722	ORTHO™ 7% BSA for ORTHO VISION® Max	Pre-filled vials used for Ortho Vision Max maintenance	15 x 12 mL	An aqueous solution of bovine serum, inorganic salts, and preservatives for General Laboratory Use.
H360	ELUclear	Acid Elution Kit	10 tests/kit	To elute antibodies from intact red blood cells
H2010	HBS Validation and Competency Kit	Simulated plasma samples containing antibodies of multiple specificities	10 x 5 mL	Intended for use in method validation and competency testing for blood typing, antibody detection/identification, and compatibility testing.

Equipment – System Presentation

ORTHO™ Workstation for BioVue® Cassettes

Product Code: 6904629

The ORTHO™ Workstation is a compact, two-in-one blood testing system for use with reliable Column Agglutination Technology. ORTHO™ Workstation is a simple-to-use combined centrifuge and incubator that provides clear, stable, well-defined end points. Designed with the environment in mind, it's lightweight, has a smaller footprint and is energy efficient.



Centrifuge

Cycle Speed	<ul style="list-style-type: none"> • Phase 1 - 793 rpm \pm 10 rpm • Phase 2 - 1509 rpm \pm 10 rpm
Speed Indicator	4 digits
Timing Indicator	4 digits
Cycle Timing	<ul style="list-style-type: none"> • Phase 1 – two minutes \pm 10 sec. (including ramp-up time) • Phase 2 – three minutes \pm 10 sec. (including ramp-up time)
Centrifuge Cassette Capacity	10 cassettes

Incubator

Incubation Temperature	37°C \pm 2°C
Incubator Cassette Capacity	20 cassettes (two sections of 10)

ORTHO Optix™ Reader for BioVue® Cassettes

Product Code: 6842222

The ORTHO Optix™ Reader is a bench-top instrument intended to be used for in vitro immunohematology reading of tests utilizing ORTHO BioVue® System Cassette technology.

When paired with the ORTHO® Workstation, the ORTHO Optix™ Reader provides a complete semi-automated testing platform for transfusion labs with low- to mid-volume throughput.



ORTHO VISION® Platform

The ORTHO VISION® and ORTHO VISION® Max Analyzers are the next level of automation, offering you the only comprehensive platform that can be tailored to today's challenges in the lab, whether you manage a single lab or a multi-site health network.

The only analyzers available today built on the same instrumentation platform, the ORTHO VISION® Platform creates lab standardization across instrumentation, technology, procedures, training and quality – leading to greater consistency across workflows and staff proficiency.



ORTHO VISION® Analyzer

Product Code: 6904579

Capacity	
Samples	Up to 42 samples can be loaded, 6 Sample Racks holding 7 tubes each.
Supply Drawer	140 Ortho BioVue Cassettes (7 sleeves of 20) 8 Cassettes in the dual purpose rack
Reagent Red Blood Cell Supply	Supports 3 independent RBC racks; each can hold 11-3 mL vials or 6-10 mL vials, including various combinations. The 10 mL rack can accommodate reverse grouping and antibody detection (screen) RRBC. The 3 mL rack can accommodate reverse group, antibody detection, and antibody identification RRBC.
Diluents/Liquids	1 x 50 mL position for ORTHO® BLISS or 0.5 M NaOH 1 x 60 mL position for Red Cell Diluent 5 x 10 mL positions for ORTHO® BLISS or ORTHO™ BROMELIN MT6 or Red Cell Diluent or 0.5 M NaOH 4 x 10 mL positions for ORTHO Sera® or 0.5 M NaOH in each ORTHO SERA® Reagent Rack Onboard liquid capacity of 4.7 L of saline and 1 L of deionized water
Heated Incubator	12 Cassettes
Room Temperature Incubator	16 Cassettes
Centrifuge	2 centrifuges: 10 Cassettes per centrifuge
Waste	5.2 liters liquid, 100 Cassettes

ORTHO VISION® Max Analyzer

Product Code: 6904578



Capacity	
Samples	Up to 84 samples can be loaded, 12 Sample Racks holding 7 tubes each.
Supply Drawer	240 Ortho BioVue Cassettes (12 sleeves of 20) 16 Cassettes in the dual purpose rack
Reagent Red Blood Cell Supply	Any combination of 6 racks can be used to accommodate Reagent Red Blood Cell (RRBC) testing needs. The 10 mL rack can accommodate reverse grouping and antibody detection (screen) RRBC. The 3 mL rack can accommodate antibody identification RRBC.
Diluents/Liquids	2 x 50 mL positions for ORTHO® BLISS or 0.5 M NaOH 2 x 60 mL positions for Red Cell Diluent 10 x 10 mL positions for Red Cell Diluents or ORTHO® BLISS or ORTHO™ BROMELIN MT6 or 0.5 M NaOH 4 x 10 mL positions for ORTHO Sera® or 0.5 M NaOH in each ORTHO SERA® Reagent Rack Onboard liquid capacity of 4.7 L of saline (9.4 L with WAT option) and 1 L of deionized water
Heated Incubator	12 Cassettes
Room Temperature Incubator	24 Cassettes
Centrifuge	2 centrifuges: 10 Cassettes per centrifuge
Waste	5.2 liters liquid, 150 Cassettes (or optional external waste)

Consumables and Accessories

ORTHO BioVue® System Consumables and Work Rack

Product Name	Product Code	Presentation
Tips for BioVue® Pipette – Pre-Packed	791220NN	10 x 96 tips
Tips for BioVue® Pipette – Loose	791204NN	1000 tips
BioVue® Work Rack	70830	1 Unit

ORTHO VISION® Platform Consumables

Product Name	Product Code	Presentation
7% BSA, 5 mL (12 vials) for Tip Maintenance	6844285	12 x 5 mL
ORTHO 7% BSA ORTHO VISION® Max, 12 mL	6986722	15 vials
Sodium Chloride 0.9%	600503	10 x 1 L
Phosphate Buffered Saline	04-004	
ORTHO VISION® Analyzer Evaporation Caps 3 mL vials for Reagent Red Cells	6843004	1 box of 500
ORTHO VISION® Analyzer Evaporation Caps 10 mL vials for Reagent Red Cells	6843005	1 box of 250
ORTHO VISION® Analyzer Dilution Trays, 16-well tray	6904591	1 box of 180
NaOH 0.5N Vials	6188777	4 x 10 mL

ORTHO VISION® Platform Accessories

Product Name	Product Code
ORTHO VISION® Analyzer Multipurpose Table	6904701
ORTHO VISION® Max Analyzer Multipurpose Table	6904702
ORTHO VISION® Analyzer Seismic Anchors Kit	6904812
ORTHO VISION® Liquid Wash Container	6904826
ORTHO VISION® Liquid Waste Container	6904827
Diluent rack (non-agitated) for ORTHO BioVue® Cassettes	6904829
Reagent red cell rack, 10 mL	6904830

ORTHO VISION® Platform Accessories (continued)

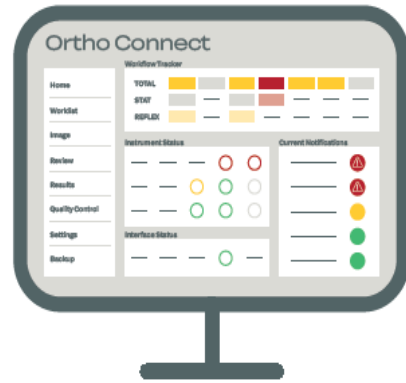
Product Name	Product Code
Reagent red cell rack, 3 mL	6904831
Manual review rack	6904833
ORTHO BioVue® Cassettes punch tool set	6904835
Pipettor probe	V30068385
Waste lid	6986705
Water lid, blue	6986706
Saline lid, white	6986707
Punch tool set, 20 piece	6986715
ORTHO SERA™ reagent rack	6904838
ORTHO VISION® Analyzer Disposal container for ORTHO BioVue® Cassettes	6904832
ORTHO VISION® Analyzer External drain kit	6904837
ORTHO VISION® Max Analyzer Disposal container for ORTHO BioVue® Cassettes	6986689
ORTHO VISION® Max Analyzer External drain kit	6986701
ORTHO VISION® Max Analyzer 4 Hour Walkaway Kit with direct drain	6986702
ORTHO VISION® Max Analyzer 4 Hour Walkaway Kit with 10 L saline cube	6986703
ORTHO VISION® Max Analyzer Waste Chute for direct disposal	6986700

ORTHO OPTIX® Reader

Product Name	Product Code
ORTHO OPTIX® BioVue® Software USB	6902215
ORTHO OPTIX® Focus Target	6902217
SQL Client Access License (Single CAL)	6197799
ORTHO VISION® Barcode Scanner Programmed	6986676

ORTHO Connect®

The purpose of the ORTHO CONNECT Software is to provide the immunochemistry (IH) laboratories performing automated and semi-automated blood typing and antibody screening a central location to manage the data exchanged between the LIS and Ortho Clinical Diagnostics (Ortho) instruments to enable the provision of accurate and valid testing results.



Product Name	Product Code
ORTHO CONNECT® Single Instrument License	6904413
ORTHO CONNECT® Multi Instrument License	6904414
SQL Client Access License (Single CAL)	6197799

Revision History

2024-04-01

Section	Description
Entire Guide	Original Manual



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