

# Reagent Red Blood Cells US/CANADA

ITEM	DESCRIPTION	PACKAGE
<b>AFFIRMAGEN® Reagent Red Blood Cells</b>	Two-vial set consisting of one vial each of A1 and B cells used to detect expected ABO blood group antibodies in patient and donor samples. AFFIRMAGEN® cells are resuspended in EDTA diluent to prevent hemolysis in reverse grouping.	2 x 10 mL
<b>ORTHO® A<sub>2</sub> Reagent Red Blood Cells</b>	ORTHO® A2 Cells are resuspended in EDTA diluent to prevent hemolysis in reverse grouping.	1 x 10 mL
<b>SELECTOGEN® Reagent Red Blood Cells</b>	A set of 2 cells for antibody screening. Special lots available to meet your additional antigen requirements, including HLA (Bg) negative cells. A monoclonal HLA antibody with Class I antigen specificity is used to screen all cells to minimize Bg/HLA antibody reactivity.	2 x 10 mL
<b>SURGISCREEN® Reagent Red Blood Cells</b>	A set of 3 cells for antibody screening. Ideal for type and screen procedures. Cells provided are homozygous for RH, Fy <sup>a</sup> , Fy <sup>b</sup> , Jk <sup>a</sup> , Jk <sup>b</sup> , M, and S antigens, giving you the confidence you require to detect significant antibodies, including HLA (Bg) negative cells. A monoclonal HLA antibody with Class I antigen specificity is used to screen all cells to minimize Bg/HLA antibody reactivity.	3 x 10 mL
<b>ORTHO® Pooled Screening Reagent Red Blood Cells</b>	A pool of 2 group O cells with carefully chosen antigen profiles for the detection of atypical antibodies in donor samples.	1 x 20 mL
<b>ORTHO® Coombs Control Cells</b>	Cells sensitized with IgG for maximal detection of a false negative antiglobulin test.	1 x 10 mL
<b>ORTHO® Confidence System Reagent Red Blood Cells</b>	A standardized, quality assurance system for blood bank reagents used to confirm the reliability of the test system. The antibody and cell samples supplied in this kit provide a means of confirming the reactivity of the reagents used for ABO and RH determinations, the anti-IgG component of anti-human globulin, reverse grouping cells and reagent red blood cells used in antibody detection tests. These reagents are ready to use as furnished and need not be diluted. Testing record sheets are included. This product is only designed for testing traditional tube reagents.  <b>Each kit consists of 3 reagents:</b> ORTHO® Confidence Cell 1 ORTHO® Confidence Cell 2 ORTHO® Confidence Antibody	1 Kit
<b>HBS C3 Control Reagent Red Blood Cells</b>	Hemo bioscience complement coated cells used as a control of the antiglobulin test performed with anti-human globulin containing Anti-C3. The C3 Control cells can be used for both basic QC and as a control of a negative DAT test to assure that the Anti-C3 was not inactivated in a DAT test.	1 x 3 mL
<b>FETALSCREEN™ II Reagent Red Blood Cells</b>	A test for detection of D (RHo) positive fetal red blood cells in maternal circulation to aid in screening and prevention of hemolytic disease of the newborn (HDN).	4 x 5 mL

## A complete system for “problem” antibodies

ITEM	DESCRIPTION	PACKAGE
<b>ORTHO RESOLVE® Panel A Reagent Red Blood Cells</b>	An 11-cell primary panel that provides homozygosity of all major blood group antigens, allowing for the identification of frequently encountered single antibody specificities and many multiple antibody combinations.	<b>cells</b> 11 x 3 mL
<b>ORTHO RESOLVE® Panel B Reagent Red Blood Cells</b>	An 11-cell panel to use in concert with ORTHO RESOLVE® Panel A to identify more difficult antibody combinations. It can also serve as an excellent source of selected cells.	<b>cells</b> 11 x 2 mL
<b>ORTHO RESOLVE® Panel C Reagent Red Blood Cells</b>	<b>Kit includes:</b> A combination of two 11-cell panels (one untreated and one ficin-treated) that allows the technologist to more clearly identify weak reacting antibodies and separate mixtures of antibodies when they are directed against enzyme-sensitive antigens. Ficin-treated red cells assist in the identification of antibodies in 2 ways: the enhancement of reactivity of some antigen/antibody reactions such as those associated with the RH or Kidd System and by destroying or altering antigens such as M, N, Fy <sup>a</sup> , Fy <sup>b</sup> , and S.	<b>treated cells</b> 11 x 3 mL
		<b>untreated cells</b> 11 x 3 mL

## 0.8% Reagent Red Blood Cells

0.8% Reagent Red Blood Cells are prediluted at manufacturing with a specially formulated resuspension solution to an optimal concentration for use without further modification in the ORTHO ID-MTS™ Gel Cards. This solution delivers a low ionic strength environment to enhance antibody reactivity and eliminates the need for a separate reagent.

ITEM	DESCRIPTION	PACKAGE
<b>0.8% AFFIRMAGEN® Reagent Red Blood Cells</b>	Two vials of pooled human red blood cells in a 0.8% suspension: one vial of group A1 cells, one vial of group B cells. They are used in reverse (serum/plasma) grouping to confirm the presence or absence of anti-A and anti-B in the sera being tested.  The cells are D (RH1) negative to prevent agglutination should the most common unexpected antibody, anti-D (RH1) be present. EDTA is added to prevent hemolysis due to complement-binding ABO antibodies.	2 x 10 mL
<b>0.8% AFFIRMAGEN® 3 Reagent Red Blood Cells</b>	Three vials of pooled human red blood cells in a 0.8% suspension: one vial of group A1 cells, one vial of group A2 cells, and one vial of group B cells, D (RH1). They are used in reverse (serum/plasma) grouping to confirm the presence or absence of anti-A and anti-B cells in the sera being tested.  The cells are D (RH1) negative to prevent agglutination should the most common unexpected antibody, anti-D (RH1) be present. EDTA is added to prevent hemolysis due to complement-binding ABO antibodies.	3 x 10 mL

## 0.8% Reagent Red Blood Cells, cont.

ITEM	DESCRIPTION	PACKAGE
<b>0.8% SELECTOGEN® Reagent Red Blood Cells</b>	Two vials of human red blood cells, which have been typed for most clinically significant antigens, as well as some rare antigens. The RH phenotype of 0.8% SELECTOGEN® I is R <sub>1</sub> R <sub>1</sub> and 0.8% SELECTOGEN® II is R <sub>2</sub> R <sub>2</sub> . The product is used to detect unexpected blood group antibodies in patient or donor serum. The product is screened to provide cells with homozygous expression of RH antigens (C, c, E, e), Fy(a+b-), and Jk(a+b-). A monoclonal HLA antibody with Class I antigen specificity is used to screen all cells to minimize Bg/HLA antibody reactivity.	2 x 10 mL
<b>0.8% SURGISCREEN® Reagent Red Blood Cells</b>	A set of 3 individual group O red blood cells. Cells provided are homozygous for RH, Fy <sup>a</sup> , Fy <sup>b</sup> , Jk <sup>a</sup> , Jk <sup>b</sup> , M, and S antigens, giving you the confidence you require to detect significant antibodies, including HLA (Bg) negative cells. The antigenic characteristics of this product provide a sensitive antibody-screening test, ideal for use in the type and screen procedure. A monoclonal HLA antibody with Class I antigen specificity is used to screen all cells to minimize Bg/HLA antibody reactivity.	3 x 10 mL
<b>0.8% ORTHO® Pooled Screening Reagent Red Blood Cells</b>	A pool of 2 group O cells with carefully chosen antigen profiles for the detection of atypical antibodies in donor samples.	1 x 20 mL
<b>0.8% ORTHO RESOLVE® Panel A Reagent Red Blood Cells</b>	An 11-cell panel that provides a selection of cells to assure identification of antibodies to common blood group factors including those known to exhibit dosage. This selection of cells allows for the identification of frequently encountered single antibody specificities and most multiple antibody combinations.	11 x 3 mL
<b>0.8% ORTHO RESOLVE® Panel B Reagent Red Blood Cells</b>	Designed to complement 0.8% ORTHO RESOLVE® Panel A and to serve as a selected cell panel. 0.8% ORTHO RESOLVE® Panel B allows for the identification of more difficult antibody combinations by providing specially selected cells. The presence of an R <sub>2</sub> R <sub>1</sub> and a Cellano negative cell is assured on every panel.	11 x 3 mL
<b>0.8% ORTHO RESOLVE® Panel C Reagent Red Blood Cells</b>	Two 11-cell panels; one is untreated and the other, consisting of the same cells, is ficin treated. Ficin-treated red cells assist in the identification of antibodies in 2 ways: the enhancement of reactivity of some antigen/antibody reactions such as those associated with the RH or Kidd System and by destroying or altering antigens such as M, N, Fy <sup>a</sup> , Fy <sup>b</sup> , and S. Using both the treated and untreated panels allows the technologist to more clearly identify weak reacting antibodies, as well as separate mixtures of antibodies when they are directed against enzyme-sensitive antigens.	<b>treated cells</b> 11 x 3 mL
		<b>untreated cells</b> 11 x 3 mL
<b>ID-MTS™ Diluent 2</b>	ID-MTS™ Diluent 2 is a hypotonic buffered saline solution specially formulated to give the appropriate pH and ionic strength levels compatible with dextran acrylamide gel.	5 x 100 mL
<b>ID-MTS™ Diluent 2 PLUS</b>	ID-MTS™ Diluent 2 PLUS is a hypotonic buffered saline solution containing EDTA specially formulated to give the appropriate pH and ionic strength levels compatible with dextran acrylamide gel. The EDTA is useful in preventing complement activity and hemolysis in test procedures.	5 x 100 mL

NOTE: Information valid as of August 6, 2015. This product listing is periodically updated/refreshed. If you have questions, please contact the Technical Solutions Center at [www.orthoclinical.com](http://www.orthoclinical.com).

Please consult full product Instructions for Use.