

Red Blood Cell Products

Diverse



Immucor offers the broadest line of traditional Reagent Red Blood Cell products. On average we manufacture over 1750 lots of Reagent Red Blood Cells annually.



Transfuse | Transplant | Transform a life



For 30 years Immucor has been solely focused on meeting the critical needs of the blood bank laboratory. We are vested in transfusion diagnostics and recognize that a dependable supply of high quality Reagent Red Blood Cells is vital to every lab's operation.

Our deep understanding of your lab's operations is just one of the reasons why our products are preferred globally. Ask our customers why our RRBCs are preferred and they'll use words like accuracy, flexibility, dependability and detail. There's a reason for that. In fact, there are several reasons:

Weekly Production

Consistent and Accurate Manufacturing

Broadest Range of Products

Weekly Production

Produced in the USA by a supplier you trust. Manufactured weekly, our continuous production cycle supports the global demand for our high quality products. It also means that we have fresh product available when you need it most. If testing demands increase or an emergency strikes, you can receive fresh cells from Immucor in a matter of days, not weeks.

- Industry-exclusive Flexship options allow you to choose weekly, bi-weekly or monthly standing order shipments to match your inventory needs
- Continuous production cycles means we have 8 lots of panels with unique cells in date at all times
- Supplemental or replacement product is available quickly



Broadest Range of Products

Immucor is proud to offer the broadest product line of traditional Reagent Red Blood Cells on the global market. Our products are designed to serve the needs of laboratories of all sizes – from routine testing to complex antibody investigations.

On average, we manufacture over 1750 lots of Reagent Red Blood Cells annually. Our experience translates into a partnership that you can depend on.

Consistent and Accurate Manufacturing

- Immucor has a rich supply of donors. We maintain a database of over 10,000 typed donors which we utilize to create the best antigen profile on every lot
- Our donors are phenotyped by two separate laboratories using unique reagents
- We apply our experience with molecular immunohematology (MIH) to enhance the value of our serological products. For antibody identification cells, donor phenotypes are cross-checked by genotype determinations using BioArray MIH technology. We share the full antigen profile, including the extended antigen typing by DNA analysis, on the Supplemental Unit Typings (SUT) worksheet, on the back of the master list, included with each antibody identification panel lot.



Product Specifications:

Reagent Red Blood Cells manufactured by Immucor are used in tests employing the principles of hemagglutination for the detection and identification of blood group antibodies. All Reagent Red Blood Cells are prepared in a buffered preservative solution containing adenosine and adenine to retard hemolysis and/or loss of antigenicity during the shelf life.



Reverse Grouping Immucor Referencells® are used for the determination of the reverse blood group. Available in flexible configurations.

Product Code	Description	Size
0002338	Referencells® A1, A2, B and O	4 x 10 mL
0002345	Referencells® A1 and B	2 x 10 mL
0002342	Referencells® A2	1 x 10 mL



Antibody Screening Immucor Panoscreen® sets are used for the detection of unexpected antibodies.

While all Panoscreen® products are positive for each of the major antigens, only Immucor provides the ability to secure standing order shipment of a primary lot of Panoscreen® I and II which provides more homozygosity for Fy^a and Jk^a antigens. Our Panoscreen® I, II and III guarantees homozygosity for Fy, Jk, M, N, S and s antigens.

Hemantigen® is a single vial pool of equal amounts of red blood cells from two group O donors for the screening of unexpected antibodies in donors.

Product Code	Description	Size
0002380	Panoscreen® I and II	2 x 10 mL
0002390	Panoscreen® I and II, Primary Lot	2 x 10 mL
0002381	Panoscreen® I, II and III	3 x 10 mL
0002223	Hemantigen®	1 x 10 mL



Panels Immucor Panocell® sets are used for the identification of unexpected antibodies. Only Immucor offers true scalability in our panel offering. All Panocell® products are designed to work on their own to separate antibodies on the first run-through. The Panocell® Master List provided with each lot shows the serologic and molecular antigenic composition for each single donor reagent.

Panocell®-10 is a 12-vial set consisting of 11 vials of selected single donor red blood cells, and a vial of buffered preservative diluent that may be used in place of saline for preparation of an auto-control. Panocell®-16 and Panocell®-20 are expanded reagent panels, containing 16 vials or 20 vials, respectively, of selected single donor red blood cells.

Product Code	Description	Size
0003032	Panocell®-10	12 x 3 mL
0002332	Panocell®-16	16 x 3 mL
0005020	Panocell®-20	20 x 3 mL



Ficin-Treated Panels Panocell®-10, Ficin Treated is a 24-vial set consisting of a pair of untreated and Ficin-treated panels. The set also includes a vial of Diluent, Ficin Solution and Ficin Control.

Product Code	Description	Size
0002385	Panocell®-10, Ficin Treated	24 x 3 mL



Coombs Control Cells Checkcell® is a single vial pool of group O red blood cells that have been sensitized with an IgG antibody to rule out false negative results with the Coombs test. These red blood cells have been prepared as a 4-6% suspension, while Checkcell® (Weak) have been prepared as a 2-3% suspension. Checkcell (Weak) provides a more sensitive indication of partial neutralization of the anti-IgG component of anti-Human Globulin.

Product Code	Description	Size
0002224	Checkcell®	1 x 10 mL
0002225	Checkcell®	3 x 10 mL
0002226	Checkcell®(Weak)	1 x 10 mL
0002227	Checkcell®(Weak)	3 x 10 mL



Unique Reagent Red Blood Cell Products Dia Screening Cells are manufactured as a single vial of group O, Di(a+) red blood cells suitable for use in the antibody detection of anti-Dia.

Complement Control Cells are intended for use in confirming reactivity of the anti-C3 component of anti-Human Globulin.

Immucor Weak D Cells are intended to be used for quality control of weak D testing.

Product Code	Description	Size
0005021	Dia Screening Cell	1 x 10 mL
0007930	Complement Control Cells	1 x 3 mL
0002995	Weak D Cells	1 x 5 mL



To learn more or to set up a consultation with one of our Blood Bank Business Managers, call **855.IMMUCOR** (855.466.8267) or visit **www.immucor.com**.

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