



## International Rare Donor Panel

The IRDP database can only be accessed by authorised users.

[Access the database](#)



# Rare Donor Program: ICMR-Rare Donor Registry of India (RDRI)

Country: India

## Rare Donor Program

<b>Rare Donor Program</b>	Yes
<b>National Regional or Facility based</b>	National
<b>Number of Rare Donors</b>	>100
<b>Definition of Rare</b>	<ul style="list-style-type: none"> <li>Negative for a high prevalence antigen.</li> <li>Donor who is negative for a combination of common antigens and has a prevalence of 1 in 1000</li> </ul>
<b>Are the donors listed in the International Rare Donor Panel</b>	No
<b>Frozen Inventory</b>	No
<b>How are Rare Donors found</b>	<ul style="list-style-type: none"> <li>Donor phenotyping and genotyping</li> <li>Corresponding antibody detected in a donor or patient</li> <li>Family studies</li> </ul>
<b>Number of Rare Donor Units used per year</b>	<50 units per year
<b>ISBT Rare Donor WP Blood Shipment form used</b>	No
<b>Outcome of incompatible transfusion form used</b>	No
<b>Most difficult types to find</b>	S-s-U-, Pnull, Rhnull
<b>Phenotypes confirmed by molecular testing</b>	Most new rare donors identified have molecular testing performed and serology where antisera is available

# India

Phenotype	Total Active Donors	Group O	O Positive	O Negative	Other ABO/Rh
<b>Bombay Phenotype RhD negative</b>	5	NA	NA	NA	NA
<b>Bombay Phenotype RhD positive</b>	>95	NA	NA	NA	NA
<b>Fy (a-b-)</b>	1	1	1	0	0
<b>Ko</b>	1	1	0	0	0
<b>PP1Pk-</b>	4	2	2	0	2
<b>D- -</b>	7	0	0	0	7

# India

## How are your rare donors found?

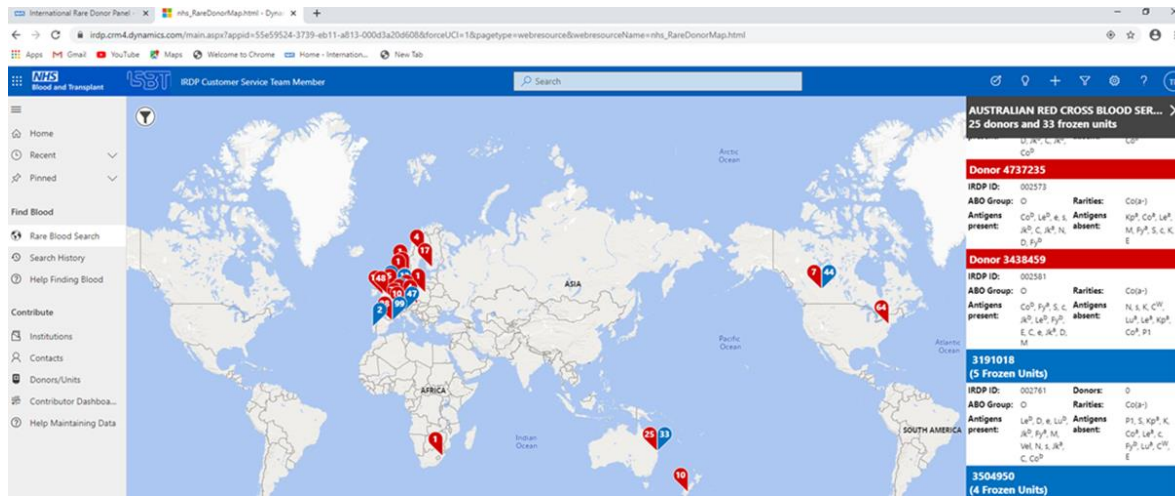
	Yes / No	Method	Comments
<b>Extended phenotyping donors</b>	Yes	All donors typed for Rh (C, E, c, e), K, k, Kpa, Kpb, Fya, Fyb, Jka, Jkb, M, N, S, s, Lea, Leb, Lub, P1 - Biorad Gel Cards (CAT)	If rare antigen negative donors identified, then serology is reconfirmed using Biorad/Immucor Antisera using CTT and CAT
<b>Extended genotyping donors</b>	Yes	NGS	Where antisera is available phenotype is confirmed by serology.
<b>Family studies</b>	Yes	Recruitment of family of donors and patients	Information to recruit family of donors is provided to the donor for discussion with family members. Family of patients are contacted
<b>Antibody investigations</b>	Yes	All donors are screened for red cell antibodies using the CTT and Indigenous reagent red cell panels	Antibody identification in patients and donors may require the use of many different techniques, including molecular testing to determine the specificity.
<b>Other</b>	NA	NA	NA



ISBT

# Frozen Inventory

Country: India - NA



# Ordering and Shipping

## Country: India

As the registry is yet to be launched, currently requests are received by email and blood donations are arranged locally and transported as per the blood bank guidelines