



International Rare Donor Panel

The IRDP database can only be accessed by authorised users.

[Access the database](#)



Rare Donor Program

Country: France

Country/Region: France

Rare Donor Program

| | |
|--|---|
| Rare Donor Program | Yes |
| National Regional or Facility based | National |
| Number of Rare Donors | 5,600 potential rare donors, 1,600 active rare donors |
| Definition of Rare | Prevalence <4/1000 (according to the French law) |
| Are the donors listed in the International Rare Donor Panel | Yes |
| Frozen Inventory | Yes |
| How are Rare Donors found | Blood donor and patient testing |
| Number of Rare Donor Units used per year | 300 cryopreserved units, >1,000 in liquid phase (no precise data available) |
| ISBT Rare Donor WP Blood Shipment form used | No |
| Outcome of incompatible transfusion form used | No |
| Most difficult types to find | Rh null, Hr-, En(a-), Co:-3, Di(b-), M ^k M ^k , McLeod, In(b-) |
| Phenotypes confirmed by molecular testing | Only if serological resources are unavailable |

Country/Region: France

| Phenotype | Total Active Donors | Group O | O Positive | O Negative | Other ABO/Rh |
|-----------------|---------------------|---------|------------|------------|--------------|
| GE:-2,-3 | 3 | 2 | 2 | 0 | 1 |
| JK(a-b-) | 20 | 8 | 6 | 2 | 4 |
| Ko | 7 | 4 | 4 | 0 | 3 |
| Kp(b-) | 35 | 29 | 25 | 4 | 6 |
| MkMk | 0 | | | | |
| Rh:-34 | 17 | 8 | 0 | 8 | 9 |
| U- | 148 | 62 | 50 | 12 | 86 |
| PP1PK- | 32 | 15 | 13 | 2 | 17 |
| SC:-1 | 3 | 1 | 1 | 0 | 2 |
| En(a-) | 1 | 0 | 0 | 0 | 1 |
| At(a-) | 5 | 0 | 0 | 0 | 5 |
| Di(b-) | 1 | 1 | 1 | 0 | 0 |
| Jr(a-) | 14 | 3 | 2 | 1 | 11 |
| Rh null | 1 | 0 | 0 | 0 | 1 |
| Vel(-) | 95 | 49 | 35 | 14 | 46 |
| D-- | 11 | 5 | 5 | N/A | 6 |
| Oh | 13 | N/A | 13 | 0 | N/A |
| | | | | | |
| | | | | | |

Country/Region: France

How are your rare donors found?

| | Yes / No | Method | Comments |
|-----------------------------|----------|------------------------|----------|
| Extended phenotyping donors | Yes | PK7300 Beckman Coulter | |
| Extended genotyping donors | No | | |
| Family studies | Yes | | |
| Antibody investigations | Yes | | |
| Other | | | |



ISBT

Red Cell Product Specifications

Country: France

Country/Region

Donor Selection

| | | |
|---|--|--|
| Donation | Voluntary | |
| Age or Weight Restrictions | <70 yo and >50 kgs | |
| Donation Interval | 56 days | |
| Sexual Activity Precautions | Positive for HIV, Hepatitis B/C, or HTLV | Yes |
| | Male to male sex | No |
| | Sex worker or contact with sex worker | Yes |
| Travel Exclusions If donor has returned from an area endemic for the listed infectious illnesses | Dengue | Yes |
| | Ebola | Yes |
| | Malaria | Yes |
| | West Nile Virus | Yes |
| Lifestyle | Acupuncture, piercing or tattoo | Yes |
| | Drug use (Non-prescribed injected) | Yes |
| | Incarceration | ? |
| CJD restrictions | Yes | |
| Covid restrictions | COVID19 vaccine administration | Yes but only if vaccine administration out of EU |
| | COVID infection | Yes |
| | Household contact | Yes |

Country/Region : France

| Mandatory Infectious Diseases Screening of Blood Products | | |
|---|---|--|
| | Screening test | Risk of blood transfusion transmission |
| HIV | Yes (antibody, antigen and PCR) | <1/17.10 ⁶ |
| HCV | Yes (antibody and PCR) | <1/32.10 ⁶ |
| HBV | Yes (anti-HBs, anti-HBc, PCR) | <1/6.10 ⁶ |
| Syphilis | Yes (antibody) | |
| HTLV (1 & 2) | Yes (antibody) : in first-time donors and all donors from French Antilles | |
| CMV | optional | |
| Zika Virus | optional | |
| West Nile Virus | No | |
| Babesia | No | |
| Trypanosoma cruzi (T. cruzi) Chagas Disease | optional | |
| | | |
| | | |
| | | |

Country/Region: France

Red Cell Blood Product

| Description | Red Cell Concentrate |
|-----------------------|----------------------|
| Anticoagulant | CPD |
| Additive Solution | SAGM |
| Leukofiltration | Yes |
| Average volume | 270 ml |
| Storage Temperature | 2 – 6 degrees |
| Transport Temperature | <10°C |
| Storage Duration | 42 days |
| Irradiation Policy | Yes |
| Other | |



ISBT

Frozen Inventory

Country: France

Country/Region: France

General Information

| | |
|--|---|
| Freezing Method | Glycerol high concentration (ACP 215) |
| Frozen Expiry (years) | 30 |
| Storage Temperature | -80°C |
| Can inventory be issued and sent frozen | Yes |
| Thawing Method | ACP 215 |
| Thawed Expiry (days) | 24 hours (open circuit), 7 days (close circuit) |
| Additive Solution | SAGM |
| Irradiation Policy | Yes but in exceptional cases |
| IUT and Neonate use | Yes |
| Supply out of date Policy | Yes |

Country/Region: France

Product Specifications

| | |
|-----------------------------------|--------------------|
| Volume | N/A |
| Supernatant Haemoglobin | <1.2% |
| Haematocrit | 40-80% |
| Haemoglobin | > 30 g |
| Osmolarity | No |
| Residual leucocyte content | <1.10 ⁶ |
| Sterility | No |
| Other | <1% glycerol |

The screenshot shows the IRDP website interface. On the left is a navigation menu with options like Home, Recent, Pinned, Find Blood, Rare Blood Search, Search History, Help Finding Blood, Contribute, Institutions, Contacts, Donors/Units, Contributor Dashboards, and Help Maintaining Data. The main area features a world map with several red and blue location markers. On the right, a sidebar provides detailed data for three specific donors:

| Donor 4737235 | |
|-------------------------------|--|
| IRDP ID: | 002573 |
| ABO Group: | O |
| Antigens present: | Co ⁺ , Le ^a , e, s, Jk ^b , C, Jk ^b , N, D, Fy ^a |
| Rhities: | Co(-) |
| Antigens absent: | kg ^a , Co ⁻ , Le ^b , M, Fy ^a , S, c, K, E |
| 25 donors and 33 frozen units | |

| Donor 3438459 | |
|-------------------|---|
| IRDP ID: | 002581 |
| ABO Group: | O |
| Antigens present: | Co ⁺ , Fy ^a , s, c, Jk ^b , Le ^a , Fy ^a , E, C, e, Jk ^b , D, M |
| Rhities: | Co(-) |
| Antigens absent: | N, S, K, C ^{III} , Lu ^a , Le ^b , kg ^a , Co ⁻ , P1 |

| 3191018 (5 Frozen Units) | |
|--------------------------|--|
| IRDP ID: | 002761 |
| ABO Group: | O |
| Antigens present: | Le ^a , D, e, Lu ^a , Jk ^b , Fy ^a , M, Vel, N, s, Jk ^b , C, Co ⁺ |
| Rhities: | Co(-) |
| Antigens absent: | P1, S, kg ^a , K, Co ⁻ , Le ^b , c, Fy ^a , Lu ^a , C ^{III} , E |
| 5 Frozen Units | |

| 3504950 (4 Frozen Units) | |
|--------------------------|--|
| IRDP ID: | 002761 |
| ABO Group: | O |
| Antigens present: | Le ^a , D, e, Lu ^a , Jk ^b , Fy ^a , M, Vel, N, s, Jk ^b , C, Co ⁺ |
| Rhities: | Co(-) |
| Antigens absent: | P1, S, kg ^a , K, Co ⁻ , Le ^b , c, Fy ^a , Lu ^a , C ^{III} , E |
| 4 Frozen Units | |



Ordering and Shipping

Country: France

Country/Region: France

Exporting

| | |
|--|--------------------------|
| Request form available | Yes (but only in French) |
| Government Requirements | Yes |
| Regulatory Requirements | Yes |
| Rare Donor Program Requirements | Yes |
| Other | |