



International Rare Donor Panel

The IRDP database can only be accessed by authorised users.

[Access the database](#)



Rare Donor Program

Country: Austria

Country/Region:

Rare Donor Program

Rare Donor Program	Yes or No
National Regional or Facility based	regional
Number of Rare Donors	>400
Definition of Rare	>= 1:500
Are the donors listed in the International Rare Donor Panel	partly
Frozen Inventory	yes
How are Rare Donors found	prospective genotyping programs; patient antibody investigations
Number of Rare Donor Units used per year	5-25
ISBT Rare Donor WP Blood Shipment form used	no
Outcome of incompatible transfusion form used	no
Most difficult types to find	U-; FY3-; O _h
Phenotypes confirmed by molecular testing	as donors are identified by genotyping, confirmation typing is serological

Country/Region: Austria

Phenotype	Total Active Donors	Group O	O Positive	O Negative	Other ABO/Rh
GE:-2,-3					
Jk(a-b-)	4	2	2	0	2
Ko	0	0	0	0	0
Kp(b-)	3	2	2	0	1
MkMk	0	0	0	0	
Rh:-34					
U-	0	0	0	0	
PP1Pk-					
SC:-1					
En(a-)	0	0	0	0	
At(a-)	0	0	0	0	
Di(b-)	0	0	0	0	
Jr(a-)	1	0	0	0	1
Rh null					
Vel(-)	2	1	1	0	1
D--	0	0	0	0	
Oh	0	0			

Country/Region: How are your rare donors found?

	Yes / No	Method	Comments
Extended phenotyping donors	partly		
Extended genotyping donors	yes	Multiplex SSP PCRs	Jungbauer C, Hobel CM, Schwartz DW, Mayr WR. High-throughput multiplex PCR genotyping for 35 red blood cell antigens in blood donors. Vox Sang . 2012 Apr;102(3):234-42.
Family studies	yes	in very rare phenotypes only	
Antibody investigations	yes	when identified by patient typing	
Other			



ISBT

Red Cell Product Specifications

Country: Austria

Country/Region

Donor Selection

Donation	Voluntary	
Age or Weight Restrictions	18-70 years; >= 50 Kg	
Donation Interval	Men up to 6 donations per year, women 4-5 donations/year; donation interval >= 8 weeks	
Sexual Activity Precautions	STDs	
	not more than 3 different sexual partners within 3 month: unprotected sex with new sexual partners within the last four weeks	
Travel Exclusions If donor has returned from an area endemic for the listed infectious illnesses	Dengue	4 weeks deferral
	Ebola	4 weeks deferral
	Malaria	6 month deferral
	West Nile Virus	28 days deferral or WNV-NAT
Lifestyle	Acupuncture, piercing or tattoo	
	Drug use (Non-prescribed injected)	
	Incarceration	
CJD restrictions	Stays in the UK > 6 month between 1980 and 1996; transfusions in the UK	
Covid restrictions	COVID19 vaccine administration	48 hours deferral
	COVID infection	14 days deferral, 28 days in severe cases
	Household contact	No deferral

Country/Region

Mandatory Infectious Diseases Screening of Blood Products		
	Screening test	Risk of blood transfusion transmission
HIV	Ab and NAT	
HCV	Ab and NAT	
HBV	HBs Ag and NAT	
Syphilis	Ab	
HTLV (1 & 2)	-	
CMV	-	
Zika Virus	-	
West Nile Virus	NAT during season; NAT or 28 day deferral	
Babesia	-	
Trypanosoma cruzi (T. cruzi) Chagas Disease	-	

Country/Region:

Red Cell Blood Product

Red Cell Blood Product	
Description	Red Cells, Leucocyte-Depleted in Additive Solution
Anticoagulant	Citrate (CPD)
Additive Solution	SAG-M
Leukofiltration	yes
Average volume	287 ml
Storage Temperature	4°C +/- 2
Transport Temperature	< 10 °C
Storage Duration	42 days
Irradiation Policy	Patient dependent, individually
Other	haemoglobin content > 40 g, haematocrit 0.50 to 0.70, < 1.0 × 10 ⁶ leucocytes



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Frozen Inventory

Country:

Country/Region:

General Information

Freezing Method	High glycerol low freezing rate (HGM) method
Frozen Expiry (years)	Up to 30
Storage Temperature	< - 60 °C
Can inventory be issued and sent frozen	Theoretically yes (dry shipper available)
Thawing Method	Waterbath 37°C, automated washing system (ACP-215)
Thawed Expiry (days)	1
Additive Solution	SAG-M
Irradiation Policy	Patient dependent, individually
IUT and Neonate use	individual decision of the prescribing physician
Supply out of date Policy	individual decision of the prescribing physician

Country/Region:

Product Specifications

Volume	> 185 mL
Supernatant Haemoglobin	< 0.2 g per unit
Haematocrit	0.35–0.70
Haemoglobin	> 36 g per unit
Osmolarity	Max. 20 mOsm/L above osmolarity of resuspending fluid
Residual leucocyte content	< 1.0×10^6 leucocytes
Sterility	No growth (frequency of sampling as determined by SPC)
Other	

The screenshot displays 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 Dashboard, and Help Maintaining Data. The main area features a world map with red and blue location pins. On the right, a detailed donor profile is shown for Donor 4737235, including their IRDP ID (002573), ABO Group (O), and various antigen and antibody test results.

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

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 ^a , 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 ^a , C, Co ⁺
Donors:	0
Rhities:	Co(-)
Antigens absent:	P1, S, kg ^a , K, Co ⁻ , Le ^b , c, Fy ^a , Lu ^a , C ^{III} , E

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 ^a , C, Co ⁺
Donors:	0
Rhities:	Co(-)
Antigens absent:	P1, S, kg ^a , K, Co ⁻ , Le ^b , c, Fy ^a , Lu ^a , C ^{III} , E



Ordering and Shipping

Country: Austria

Country/Region:

Exporting

Request form available	no
Government Requirements	no
Regulatory Requirements	-
Rare Donor Program Requirements	-
Other	Correspondence with the Austrian Red Cross, Vienna Blood Centre Red Cell Reference Lab

Country/Region:

Importing

Importing	
Government Requirements	
Regulatory Requirements	Intended use for a named patient and justification why the importation is indispensable in the present case
Rare Donor Program Requirements	
Other	