

#### International Rare Donor Panel

The IRDP database can only be accessed by authorised users.

Access the database



### Rare Donor Program

# Country: Austria

International Society of Blood Transfusion

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 <sub>h</sub>	
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
Ко	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			

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#### 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			





# **Red Cell Product Specifications**

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	Donor Selection	
Donation	Volunt	ary
Age or Weight Restrictions	18-70 years;	>= 50 Kg
Donation Interval	Men up to 6 donations per year, women 4-5 do	nations/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	Dengue	4 weeks deferral
area endemic for the listed —	Ebola	4 weeks deferral
infectious illnesses	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 198	30 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

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

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Provides details of antibody and nucleic acid testing 7 Mark tests as NA when not required Include details of any additional testing required

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 × 10e6 leucocytes	





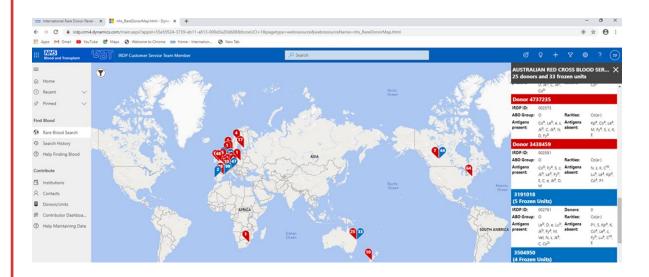
# **Frozen Inventory**

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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	

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 × 10e6 leucocytes	
Sterility	Sterility No growth (frequency of sampling as determined by SPC)	
Other		





# Ordering and Shipping

### Country: Austria

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	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

	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	