

ISBT  
CANCUN  
2012

32<sup>nd</sup> International Congress of the ISBT  
in joint cooperation with the 10th Congress of AMMTAC  
Cancun, Mexico, July 7 - 12, 2012



## ISBT WORKING PARTY ON RARE DONORS

### FINLAND

Have a national Rare Donor Program: **Yes,**

**Finnish Red Cross Blood Service, Reference laboratory , working with**

- **270 000 donor samples / year**
- **4000 antibody identifications for patient samples / year**
- **81 000 antibody screenings for antenatal samples / year**

Number of Donors in Database:

- **All together 790 000 donors**
- **169 rare donors**

# FINLAND

Definition of Rare:

Rare type	Donors	Frozen units	Frequency, %
Co(a-b+)	6	8	0,07
Do(a+b-)	1	7	< 0,01
ii	4	-	< 0,01
Jk:-3	58	28	0,03
Kp(a+b-)	3	5	< 0,01
Ko	1	1	< 0,01
Lu(a+b-)	6	5	0,01
Lu(a-b-)	2*	4	< 0,01 *Likely In(Lu)
LW(a-b+)	40	30	0,09
p	1	0	< 0,01
Pk	6	3	< 0,01
Rh:-51	35	5	0,015
Yt(a-b+)	4	6	0,20



## FINLAND

Number of Frozen Rare Cells: 171 frozen units, started on April 2010

How are Rare Donors found?:

- automated donor screening,
  - Olympus PK, urea test (2009, 99 000 donor samples) 22 new Jk:-3 donors
- donor screening
  - Pk donors
- family studies after finding a propositus
  - Jk:-3, Pk, LWa-, Vel neg, Rh:-51
- in near future with molecular screening and ethnic donor screening

Number of Rare Donor units used per year:

- 30-40 fresh units and 20 frozen units are send to the customers

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Shipping Outcome form used?: Not an official form,

but we check every time from receiving institution by email where the units in acceptable condition, where the units received as expected etc.

Most difficult types to find:

- Vel neg, Umeå Sweden
- Oh, Ulm Germany
- Hr<sup>s</sup> neg, South Africa

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Other items of interest:

- **Billing policy**