

Bar Coding of Blood Derivates - User Perspective, Finnish Red Cross Blood Service

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Agenda

1. Finnish Red Cross Blood Service (FRC BS)
2. Octaplas Process in Finland
3. Bar Coding of Blood Component in FRC BS
4. Bar Coding of Octaplas
5. Traceability of Octaplas Products
6. Other Blood Derivates
7. Summary

Blood Service in Finland



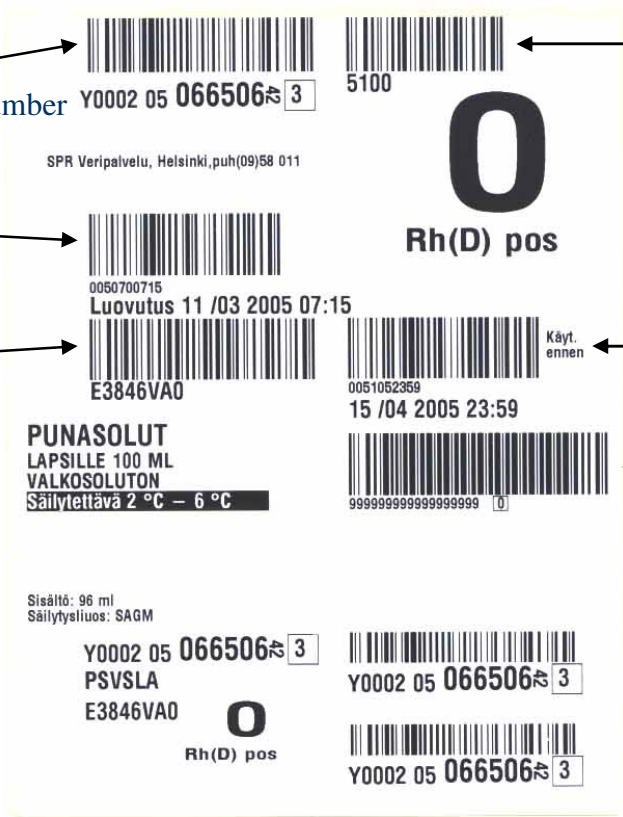
- Operationally and financially independent, non-profit organization within the Finnish Red Cross
- EU Blood Directive effective since 1 January 2005
- Key figures in 2007:
 - 274, 686 blood donations
 - 161,562 donors
 - 80 stem cell transplants provided to patients
 - 421,892 blood components sold to hospitals
 - 31,914 Octaplas products sold to hospitals
 - 2,5 million laboratory tests
 - 587 employees
 - 70,4 million euros in turnover

www.bts.redcross.fi

Octaplas Process in Finland

- Blood collection in FRC BS
- Separation of blood to blood components and blood component preparation (including FFP 8)
- FFP 8 shipments to Octapharma
- Receiving and manufacturing of FFP 8 to Octaplas in Octapharma
- Receiving of Octaplas from Octapharma to FRC BS stock
- Distribution of Octaplas to hospitals
- Receiving of Octaplas from FRC BS to hospital stock
- Thawing and transfusing of Octaplas to patients

Bar Coding of Blood Component in FRC BS, a label of blood component



001 Donation Identification Number Y0002 05 066506 3
 002 Blood Groups [ABO and RhD] 5100
 007 Collection Date and Time SPR Veripalvelu, Helsinki, puh(09)58 011
 003 Product Code 0050700715
 Luovutus 11 /03 2005 07:15
 E3846VA0
 005 Expiration Date and Time Käyt. ennen
 0051052359
 15 /04 2005 23:59
 013 Special Testing: Red Blood Cell Antigen -- Finnish 9999999999999999 0
 PUNASOLUT
 LAPSILLE 100 ML
 VALKOSOLUTON
 Säilytettävä 2 °C – 6 °C
 Sisältö: 96 ml
 Säilytysliuos: SAGM
 Y0002 05 066506 3
 PSVSLA
 E3846VA0
 Rh(D) pos
 Y0002 05 066506 3
 Y0002 05 066506 3

Bar Coding of Octaplas, a Label of Octaplas



octaplas® Vnr 00 42 63

VERIRYHMÄ A BLODGRUPP E. 950.005.FIN/S

Liötin / detergentti (SD) käsittely, pakastettu ihmisen plasma, 1x 200 ml infuusioneste, juos laskimonsisäiseen käyttöön. Lösning/detergent (SD)-behandlad, frusen, human plasma, 1x 200 ml infusionsvätska, lösning för intravenöst bruk.

1 ml innehåller: / 1 ml sisältää: Plasma protein, human. 45-70 mg, natr. citr. dihydr. 4,4-7,4 mg, natr. dihydrogenophosph. dihydr. 0,21-1,17 mg, glycin. 4,0-6,0 mg, TNBP < 2,0 mikrog av Tritan X-100 < 5,0 mikrog.

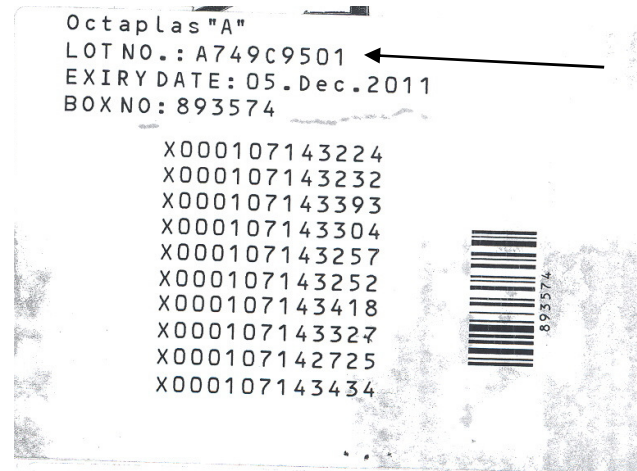
El lasten ulottuville. Säilytetään alkuperäispakkauksessa, Valonarka. Förvaras utom syn- och räckhåll för barn, förvaras i originalförpackningen, ljuskänsligt. Förvaras i djupfryst tillstånd (-18°C). Säilytetään pakastimessa (-18°C). Använd ej lösning som är grumlig eller har utfällningar. Upptinad produkt skall användas omedelbart och får ej frysas igen. Använd produkt skall kasseras. Läs bruksanvisningen noggrant.

Erä nro: Batch nr: Käyt. ennen: Anv. för: A701A9501 28. Feb. 2007

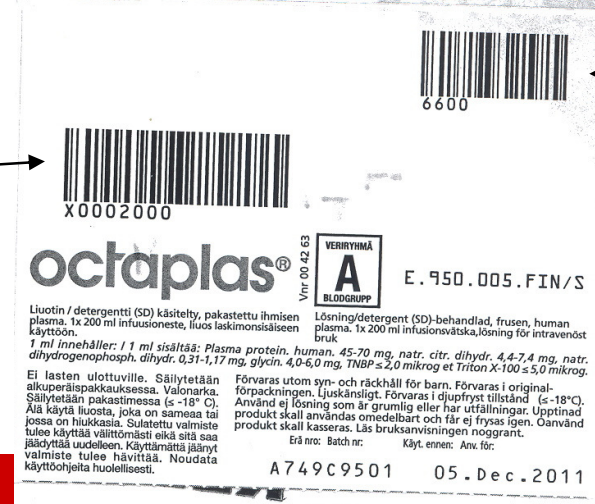
MTnr: 15619 (FIN) 16273 (S) octapharma Octapharma S-112 75 Stockholm, Sverige	octaplas® Blodgrupp: A Batch nr: Anv. för: A701D95001 28. Feb. 2007	octaplas® Veriryhmä: A Erä nro: Käyt. ennen: A701D95001 28. Feb. 2007
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No ISBT 128 data structure for batch number

Bar Coding of Octaplas, a Box Label of Octaplas



No ISBT 128 data structure for batch number



002 Blood Groups [ABO and RhD]

003 Product Code

Traceability of Octaplas Products, a Link File Between Batch Number and DIN

Shipment	Donation number & Box number	Lot number	Expiry date	Running number	Donation number
3219A0260	X0001070118763132650	A713D9501	29.3.2011	011876	X000107011876
3219A0260	X0001070118773132660	A713D9501	29.3.2011	011877	X000107011877
3219A0260	X0001070118783132650	A713D9501	29.3.2011	011878	X000107011878
3219A0260	X0001070118793132650	A713D9501	29.3.2011	011879	X000107011879
3219A0260	X0001070118803132630	A713D9501	29.3.2011	011880	X000107011880
3219A0260	X0001070118813132660	A713D9501	29.3.2011	011881	X000107011881
3219A0260	X0001070118823132680	A713D9501	29.3.2011	011882	X000107011882
3219A0260	X0001070118833132640	A713D9501	29.3.2011	011883	X000107011883
3219A0260	X0001070118843132680	A713D9501	29.3.2011	011884	X000107011884
3219A0260	X0001070118853132710	A713D9501	29.3.2011	011885	X000107011885
3219A0260	X0001070118863132730	A713D9501	29.3.2011	011886	X000107011886
3219A0260	X0001070118873132670	A713D9501	29.3.2011	011887	X000107011887
3219A0260	X0001070118883132680	A713D9501	29.3.2011	011888	X000107011888
3219A0260	X0001070118893132690	A713D9501	29.3.2011	011889	X000107011889
3219A0260	X0001070118903132680	A713D9501	29.3.2011	011890	X000107011890
3219A0260	X0001070118913132710	A713D9501	29.3.2011	011891	X000107011891
3219A0260	X0001070118923132720	A713D9501	29.3.2011	011892	X000107011892
3219A0260	X0001070118933132670	A713D9501	29.3.2011	011893	X000107011893
3219A0260	X0001070118943132670	A713D9501	29.3.2011	011894	X000107011894
3219A0260	X0001070118953132660	A713D9501	29.3.2011	011895	X000107011895
3219A0260	X0001070118963132670	A713D9501	29.3.2011	011896	X000107011896

Other Blood Derivates

- Barcodes exist barely in other blood derivatives
- Information input (receiving, releasing, delivering of products) to IT system manually without barcode scanning
- VNR number (used in Scandinavia, requested from national agency for medicines) used in blood derivatives as a product code

Summary

- FRC BS
 - Octaplas is handled and delivered as batches
 - Important information as ISBT 128 barcodes except batch number
 - DINs asked to be included to Octaplas box label
- Hospitals
 - Octaplas is received and handled as units and like blood components
- Traceability of Octaplas
 - Ensured by link file between batch number and DIN