



Irish Blood Transfusion Service

Seirbhís Fuilaeistriúcháin na hÉireann

Document Detail

Type: PMF IBTS SPEC
Document No.: IBTS/PMF/SPEC/0217[5]
Title: **PLATELETS, ADULT DOSE, SUITABLE FOR NEONATAL USE, WASHED, IRRADIATED**
Owner: QA DOC CON QA DOC CONTROL
Status: CURRENT
Effective Date: 18-Apr-2021
Expiration Date: 18-Apr-2023

Review

Review: IBTS PMF REVIEW

<u>Level</u>	<u>Owner Role</u>	<u>Actor</u>	<u>Sign-off By</u>
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Change Orders

Changes as described on Change Order: Change Order No.

Change Orders - Incorporated

Changes as described on Change Order: Change Order No.
IBTS/CO/0167/21

IRISH BLOOD TRANSFUSION SERVICE
PRODUCT MASTER FILE

TITLE: **PLATELETS, ADULT DOSE, SUITABLE FOR
NEONATAL USE, WASHED, IRRADIATED**

Change Description:

Revise IBTS/PMF/SPEC/0203 – 0218, 0220, 0221, 0224, 0226, 0227, 0232, 0236 to update the product labels in the appendices for each product.

Reason for Change:

Fix to the labels as part of the semester patch reference CC 126/19/IBTS and reference IBTS/QA/IQ/0600 Deviation 008

Change order No.:

IBTS/CO/0167/21

Referenced Documents

N/A

SmartSolve Roles

N/A

Training Type

N/A

SmartSolve Document Category

Category	Mobile	Cryobiology	Website	GDP
Yes / No	No	No	Yes	No

IRISH BLOOD TRANSFUSION SERVICE PRODUCT MASTER FILE

Title: Platelets, Adult Dose, Suitable for Neonatal Use, Washed, Irradiated

Name of Product:

PLATELETS, Adult Dose, Suitable for Neonatal Use, Washed, Irradiated.

PLATELETS, Adult Dose, Suitable for Neonatal Use, Split 1, Washed, Irradiated

PLATELETS, Adult Dose, Suitable for Neonatal Use, Split 2, Washed, Irradiated

PLATELETS, Adult Dose, Suitable for Neonatal Use, Split 3, Washed, Irradiated

E Progesa Codabar Component Codes: 66674 / 66675 / 66676 / 66677

E Progesa ISBT – 128 Component Codes: C6667V00 / C6667VA0 / C6667VB0 / C6667VC0.

General Description: A platelet preparation with the majority of leucocytes removed, suspended in plasma obtained from a single donor using automated cell separation equipment and washed in InterSol platelet additive solution to remove most of the plasma. The selected donors meet the additional criteria for neonatal use.

General Specification:

Parameter	Quality Requirement	Frequency of Control
Volume	195-225 ml / unit	100%
Platelet Content	A reduction in platelet count of approximately 15% is to be expected*	All units tested during routine hrs unless clinically urgent
Protein Content	< 0.5g / unit	4 per year

* From the starting component ($\geq 200 \times 10^9$ per unit)

Components with $< 160 \times 10^9$ / unit are referred for medical review prior to release

Labelling: See Appendix 1

Storage: Platelets, Adult Dose, Suitable for Neonatal Use, Washed, Irradiated should be used immediately. If delay is unavoidable, platelets should be stored with continuous gentle agitation at $22^\circ \text{C} \pm 2^\circ \text{C}$ and used within 24 hours of preparation.

Irradiation: Platelets are irradiated routinely during preparation.

Transportation: Transport containers should be kept open at room temperature for 30 minutes before use. During transportation from the Irish Blood Transfusion Service to the place where they are intended for use, the temperature of platelets must be kept as close as possible to the recommended storage temperature. On receipt, if not transfused immediately, they should be transferred to storage with continuous gentle agitation on a device approved for the purpose, at $22^{\circ}\text{C} \pm 2^{\circ}\text{C}$.

Indications for Use: To provide platelet replacement where deficiency or functional abnormality is causing significant haemostatic problems, in patients with significant reactions to plasma.
Washed platelets (protein content $< 0.5\text{g/unit}$) are not designated for the transfusion of patients with IgA deficiency.

Precautions in Use:

- Platelets, Adult Dose, Suitable for Neonatal Use, Washed, Irradiated must be infused intravenously through a fresh infusion set containing an in-line 170 – 200 μm filter.
- Rh D negative female recipients of child bearing potential should preferably not be transfused with platelets from Rh D positive donors.
- Because of the temperature of storage and preparation the risk of bacterial contamination is increased.
- No solution should be added to the bag or giving set.
- Components should be inspected visually for defects, leakage, abnormal colour or visible clots.
- Swirling phenomenon should be demonstrated before infusion.

Adverse Effects Include:

- Circulatory overload
- Non-haemolytic transfusion reaction (mainly chills, fever and urticaria). The risk is reduced by leucodepletion.
- Anaphylaxis
- Pathogen transmission
 - Despite careful donor selection and laboratory screening procedures, infections including Syphilis, Viral Hepatitis, HIV, HTLV 1 & 11 and other viruses and protozoa (e.g. malaria) may, in rare instances, occur.
 - vCJD transmission
 - Transmission of other pathogens that are not tested for or recognised.
 - The risk of CMV transmission is minimal as the components are leucodepleted
 - Sepsis due to bacterial contamination (reduced but not eliminated by bacterial screening)

IBTS/PMF/SPEC/0217	Ver 5	Page 5 of 9
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- Metabolic upset
 - Citrate toxicity, especially in neonates and in patients with impaired hepatic function.
- Immunological effects
 - Alloimmunisation to HLA and HPA antigens
 - Post Transfusion purpura (PTP), especially in parous female recipients
 - The risk of Graft vs Host Disease (GvHD) in immuno compromised recipients is eliminated by irradiation
 - Transfusion related Acute Lung injury (TRALI) by donor HLA/granulocyte antibodies

Serious Adverse Reaction

Please inform the IBTS immediately about any event relating to suspected bacterial sepsis/ transfusion associated bacterial sepsis

Serious adverse reactions should be reported to:

National Haemovigilance Office
Irish Blood Transfusion Service
National Blood Centre
James's Street
Dublin 8

AND

Quality Assurance Manager
Irish Blood Transfusion Service

AT EITHER

National Blood Centre
James's Street
Dublin 8

OR

Munster Regional Transfusion Centre
St Finbarr's Hospital
Douglas Road, Cork

APPENDIX I

E Progesa Codabar Component Code:

66674

E Progesa ISBT-128 Component Code:

C6667V00

Product Name:PLATELETS, Adult Dose,
Suitable for Neonatal Use,
Washed, Irradiated.**Shelf Life:** 24 hours**Product Label and Barcode:**

(for illustration purposes only – barcodes not suitable for scanning – label not to scale)

IBTS ver 2.0

9500

PLATELETS Adult Dose,
Suitable for Neonatal Use,
Washed, Irradiated
Store at 22°C ± 2°C

021088
Drawn 29 Mar 2021

300 ml

C6667V00

This component must not be used if there are visible signs of deterioration. This component may transmit infection.
AGITATE GENTLY THROUGHOUT STORAGE
Must be administered using a suitable transfusion set incorporating a 170 – 200 µm filter.
Washed and suspended in 200ml of InterSol solution containing, in mmol/L:
Na 191.9, Acetate 32.5, Phosphate 28.2, Chloride 77.3, Citrate 10.8.

0210891427
Expiry 30 Mar 2021 14:27

66674

Expiry 30/03/2021

O Neg

Rh D Negative

N.B. Stated label volume is for illustration purposes only

APPENDIX I

E Progesa Codabar Component Code: 66675

E Progesa ISBT-128 Component Code : C6667VA0

Product Name:
PLATELETS, Adult Dose,
Suitable for Neonatal Use,
Split 1, Washed, Irradiated,

Shelf Life: 24 hours

Product Label and Barcode:

(for illustration purposes only – barcodes not suitable for scanning – label not to scale)

IBTS ver 2.0

PLATELETS, Adult Dose,
Suitable for Neonatal Use,
Split 1, Washed, Irradiated
Store at 22°C ± 2°C

021088
Drawn 29 Mar 2021

C6667VA0

300 ml

0210891427
Expiry 30 Mar 2021 14:27

This component must not be used if there are visible signs of deterioration. This component may transmit infection
AGITATE GENTLY THROUGHOUT STORAGE
Must be administered using a suitable transfusion set incorporating a 170 – 200 µm filter.
Washed and suspended in 200ml of InterSol solution containing, in mmol/L:
Na 191.9, Acetate 32.5, Phosphate 28.2, Chloride 77.3, Citrate 10.3.

66675

Expiry 30/03/2021

O Pos

N.B. Stated label volume is for illustration purposes only

APPENDIX I

E Progesa Codabar Component Code:

66676

E Progesa ISBT-128 Component Code:

C6667VB0

Product Name:

PLATELETS, Adult Dose,
Suitable for Neonatal Use,
Split 2, Washed, Irradiated,

Shelf Life: 24 hours

Product Label and Barcode:

(for illustration purposes only – barcodes not suitable for scanning – label not to scale)

PLATELETS, Adult Dose,
Suitable for Neonatal Use,
Split 2, Washed, Irradiated
Store at 22°C ± 2°C



021088

Drawn 29 Mar 2021



C6667VB0

This component must not be used if there
are visible signs of deterioration. This
component may transmit infection

AGITATE GENTLY THROUGHOUT STORAGE
Must be administered using a suitable
transfusion set incorporating a
170 – 200 µm Filter.

Washed and suspended in 200ml of
InterSol solution containing, in mmol/L:
Na 191.9, Acetate 32.5, Phosphate 28.2,
Chloride 77.5, Citrate 10.8.



66676



Expiry 30/03/2021



O Pos

300
ml

0210891427
Expiry 30 Mar 2021 14:27

O

Rh D Positive



5100

IBTS ver 2.0

N.B. Stated label volume is for illustration purposes only

APPENDIX I

E Progesa Codabar Component Code: 66677

E Progesa ISBT-128 Component Code: C6667VC0

Product Name:

PLATELETS, Adult Dose,
Suitable for Neonatal Use,
Split 3, Washed, Irradiated.

Shelf Life: 24 hours

Product Label and Barcode:

(for illustration purposes only – barcodes not suitable for scanning – label not to scale)



Effective 18 April 2021

**PLATELETS, Adult Dose,
Suitable for Neonatal Use,
Split 3, Washed, Irradiated**
Store at 22°C ± 2°C


021088
Drawn 29 Mar 2021


C6667VC0


This component must not be used if there are visible signs of deterioration. This component may transmit infection.
AGITATE GENTLY THROUGHOUT STORAGE
Must be administered using a suitable transfusion set incorporating a 170 – 200 µm Filter.
Washed and suspended in 200ml of InterSol solution containing, in mmol/L:
Na 191.9, Acetate 32.5, Phosphate 28.2, Chloride 77.5, Citrate 10.8.


8400
AB
Rh D Positive

0210891427
300 ml
Expiry 30 Mar 2021 14:27

IBTS ver 2.0


66677


Expiry 30/03/2021


AB Pos

N.B. Stated label volume is for illustration purposes only