



# Irish Blood Transfusion Service

## Seirbhís Fuilaistriúcháin na hÉireann

### Document Detail

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Type: PMF IBTS SPEC  
Document No.: IBTS/PMF/SPEC/0215[5]  
Title: **PLATELETS, ADULT DOSE, WASHED, IRRADIATED**  
Owner: QA DOC CON QA DOC CONTROL  
Status: CURRENT  
Effective Date: 18-Apr-2021  
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### Review

Review: IBTS PMF REVIEW

<u>Level</u>	<u>Owner Role</u>	<u>Actor</u>	<u>Sign-off By</u>
1	DOCUMENT CONTROLLER	REBECCA WALDEN	REBECCA WALDEN
2	QUALITY ASSURANCE WRITER IBTS	REBECCA WALDEN	REBECCA WALDEN
3	LABS HEAD OF MANUFACTURING & ISSUE IBTS	BARRY DOYLE	BARRY DOYLE
3	NATIONAL MEDICAL DIRECTOR	STEPHEN FIELD	STEPHEN FIELD
4	QUALITY ASSURANCE REVIEWER IBTS	COLIN JOHNS	COLIN JOHNS

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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

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## IRISH BLOOD TRANSFUSION SERVICE

### PRODUCT MASTER FILE

**TITLE: PLATELETS, ADULT DOSE, 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, Washed, Irradiated

**Name of Products:** PLATELETS, Adult Dose, Washed, Irradiated  
 PLATELETS, Adult Dose, Split 1, Washed, Irradiated  
 PLATELETS, Adult Dose, Split 2, Washed, Irradiated  
 PLATELETS, Adult Dose, Split 3, Washed, Irradiated

**E Progesa Codabar Component Codes :** 66670 / 66671 / 66672 / 66673

**E Progesa ISBT – 128 Component Codes :** E6667V00 / E6667VA0 / E6667VB0 / E6667VC0.

**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.

**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, 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.

**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, unless intended for immediate therapeutic use, 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 abnormalities 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, Washed, Irradiated must be infused intravenously through a fresh infusion set containing a in line 170 – 200  $\mu\text{m}$  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
- Haemolytic transfusion reaction due to transfusion of ABO-incompatible plasma in the component.
- 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

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- Sepsis due to bacterial contamination (reduced but not eliminated by bacterial screening)
- 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:** 66670

**E Progesa ISBT-128 Component Code :** E6667V00

**Product Name:**  
PLATELETS, Adult Dose,  
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

0600

**PLATELETS, Adult Dose,  
Washed, Irradiated**

Store at 22°C ± 2°C

021088

**Drawn 29 Mar 2021**

**E6667V00**

**300 ml**

**Rh D Negative**

0210891356

**Expiry 30 Mar 2021 13:56**

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 32.3, Phosphate 28.2, Chloride 77.3, Citrate 10.8.

66670

Expiry 30/03/2021

A Neg

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

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## APPENDIX I

**E Progesa Codabar Component Code:** 66671

**E Progesa ISBT-128 Component Code :** E6667VA0

**Product Name:**  
PLATELETS, Adult Dose,  
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

6200

PLATELETS, Adult Dose,  
Split 1, Washed,  
Irradiated  
Store at 22°C ± 2°C

021088

Drawn 29 Mar 2021

300 ml

E6667VA0

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.

0210891356

Expiry 30 Mar 2021 13:56

66671

Expiry 30/03/2021

A Pos

**A**

**Rh D Positive**

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

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## APPENDIX I

**E Progesa Codabar Component Code:** 66672

**E Progesa ISBT-128 Component Code :** E6667VB0

**Product Name:**

PLATELETS, Adult Dose,  
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,  
Split 2, Washed,  
Irradiated

Store at 22°C ± 2°C

021088  
Drawn 29 Mar 2021

300 ml

E6667VB0

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.

66672

Expiry 30/03/2021

B Neg

IBTS ver 2.0

Rh D Negative

0210891356  
Expiry 30 Mar 2021 13:56

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



## APPENDIX I

**E Progesa Codabar Component Code:** 66673

**E Progesa ISBT-128 Component Code :** E6667VC0

**Product Name:**

PLATELETS, Adult Dose,  
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)

PLATELETS, Adult Dose,  
Split 3, Washed,  
Irradiated

Store at 22°C ± 2°C



021088

Drawn 29 Mar 2021



E6667VC0

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.



66673



Expiry 30/03/2021



B Neg

300  
ml



0210891357

Expiry 30 Mar 2021 13:57

**Rh D Negative**

**B**



1700

IBTS ver 2.0

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