

Erythrocyte Sedimentation Solution

Cat#: 7131011

[Product Name]

Erythrocyte Sedimentation Solution

[Product Description]

This product is designed for the precipitation of red blood cells from anticoagulated human blood, achieving the separation of nucleated cells from red blood cells. When used in conjunction with a separating medium, it enables the isolation of high-purity individual nucleated cells.

The primary components of this product include modified polysaccharides and inorganic salts. The high molecular weight of modified polysaccharides promotes the aggregation of red blood cells, facilitating their rapid sedimentation.

[Model & Specification]

Product Name	Cat No.	Size
Erythrocyte Sedimentation Solution	7131011	100 mL

[Storage Conditions and Validity Period]

Stored unopened at 2°C~30°C, valid for 2 years. After opening, it was stored at 4°C and returned to room temperature before use.








[Directions for Use]

- 1.Mix fresh anticoagulated blood with the erythrocyte sedimentation solution at a ratio of 4:1. Let the mixture stand at room temperature for 30 minutes to allow the sedimentation of red blood cells.
- 2.Transfer a specific volume of the separating medium to a centrifuge tube, carefully lay the supernatant from the sedimented blood onto the surface of the separating medium, and centrifuge at 800 g for 20 minutes to obtain a high-purity layer of individual nucleated cells. The volume ratio of the separating medium to the original whole blood should be 1:1 to 1:2. Refer to the separating medium manual for specific separation experiment steps.
- 3.Wash the obtained high-purity individual nucleated cells twice with PBS or physiological saline.

[Notes]

Erythrocyte sedimentation should be returned to room temperature and thoroughly mixed before use.

[Description of Product Symbol]

Product Symbol	Description	Product Symbol	Description
	Catalogue Number		Product Batch Code
	Date of Manufacture		Manufacturer
	Expiration Date		Temperature Limit
	Consult instructions for use		

[Related Products]

Product Name	Cat No.	Size
Human Lymphocyte Separation Medium	7111011	100 mL/bottle
Human Lymphocyte Separation Medium	7111012	250 mL/bottle
DPBS	6062011	500 mL/bottle

[Instruction Revision Date]

2024.03.22

[Company Information]**Manufacturer and after-sales service unit Name:**

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