



## Defibrinated Blood from Rabbit

Cat.No: 50.0022

[www.dauids-bio.com](http://www.dauids-bio.com) (Custom Antibodies)

[www.dauids-science.de](http://www.dauids-science.de) (Lab Material)

### - 1 - Introduction

Defibrinated rabbit whole blood is a high-quality biological product commonly used in various research fields, including hematology, immunology, microbiology and toxicology. The blood is freshly collected on the day of shipment under strictly controlled conditions to ensure maximum purity and reliability. By removing fibrin through controlled defibrination, clotting is prevented while maintaining the integrity of other blood components. This makes it ideal for applications requiring whole blood without clot formation.

#### Information

Cat.No.	50.0022.10 (10 ml)
	50.0022.25 (25 ml)
	50.0022.50 (50 ml)
Host	Rabbit (New Zealand White Rabbit)

### - 2 - Manual

Defibrinated rabbit whole blood can be utilized in several experimental and diagnostic applications, including but not limited to:

- **Bacterial Culture & Growth Media:** Used as a supplement in culture media for the cultivation of fastidious microorganisms. Add the required volume to agar or broth before autoclaving or filter-sterilize separately.
- **Hemagglutination & Hemolysis Assays:** Suitable for studying interactions between pathogens and erythrocytes. Prepare serial dilutions of the sample and incubate with test substances at appropriate temperatures.
- **Toxicology Studies:** Employed in pharmacological and toxicological research to evaluate blood responses to various compounds. Dilute blood samples as necessary with physiological buffers before introducing test compounds.
- **Hematological Analysis:** Used for blood cell morphology studies and flow cytometry applications.

### - 3 - Special Handling

You may add Sodium Azide (NaN<sub>3</sub>) to this blood or other preservatives to increase the stability. Please check if the preservative disturbs your applications.

### - 4 - Information

#### Handling

Preservation

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Storage Conditions

Short Term: 2 – 8°C

Long Term: -20°C

Avoid freezing/thawing cycles

Mix gently before use to ensure homogeneous distribution of blood components

The blood has an expiration date of 1 week at 2 - 8°C.

#### Protocols

ELISA

<https://data.davids-bio.com/protocols/12%20ELISA%20HRP.pdf>

WesternBlot

<https://data.davids-bio.com/protocols/10%20WesternBlot.pdf>

IHC

<https://data.davids-bio.com/protocols/11%20Protocols%20-%20IHC%20Frozen%20Tissue.pdf>