

Eosinophil Diluent (Counting Solution)

Cat #: A-CSH509

Size: 100mL

Storage: 2~8°C (6 months)

Product Description

The principle of Eosinophil Dilution Solution is to dilute blood with the solution, dissolve red blood cells and other white blood cells, inject the mixture into a counting chamber, and count under a microscope to determine the number of eosinophils in the blood. This eosinophil dilution solution is for research use only and is not intended for clinical diagnosis.

Usage

1. Add 0.38ml of eosinophil dilution solution to a clean small test tube.
2. Take 20 μ l of peripheral blood (or EDTA-anticoagulated whole blood) and place it in the eosinophil dilution solution. Mix immediately.
3. After the red blood cells are lysed, transfer the mixed eosinophil suspension to the counting chamber's side pools and let it stand for 3-5 minutes.
4. Count the number of eosinophils in 10 large squares in each of the two counting pools using a low-power microscope.

Notes

1. After blood dilution, the counting should be completed within 1 hour, as eosinophils will gradually degrade over time.
2. Thoroughly mix the solution before filling the counting chamber, and avoid applying excessive force during the filling process.
3. If eosinophils are scarce, increase the counting area.
4. For your safety and health, please wear a lab coat and disposable gloves while performing the procedure.

Disclaimer

For your safety and health, please wear a lab coat and disposable gloves while handling.