

Product Datasheet

Sheep Hemagglutination Assay Kit

NBP3-05281

Unit Size: 1 Kit

Store at 4C. Do not freeze.

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NBP3-05281**Sheep Hemagglutination Assay Kit**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4C. Do not freeze.
Preservative	No Preservative
Purity	Multi-step
Product Description	
Description	10X Phosphate Buffered Saline (PBS) is a concentrated stock solution and should be diluted appropriately with distilled, deionized water or equivalent to its final working concentration which is 1X for this kit. SHEEP RED BLOOD CELLS (RBC) 10% Washed Pooled Cells - R405-0005 should be diluted in 1X PBS to 0.05% concentration. Anti-SHEEP Red Blood Cell (RBC) (RABBIT) Antibody - 213-4139-0002 binds and thus hemagglutinate Sheep RBCs when used at a dilution range of 1:25-1:50. An antibody mediated hemagglutination control is useful as a qualitative index for the integrity of the RBCs in the assay. Further serial dilutions up to 1:400 can be included in the assay if an independent or antibody-based control is required in the assay.
Species	Sheep
Preparation Method	IgG fraction antibody purified from polyspecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. SHEEP RED BLOOD CELLS (RBC) 10% Washed Pooled Cells are supplied as a 10 percent suspension in phosphate buffered saline (PBS). 10X Phosphate Buffered Saline (PBS) consists of 0.2 M Potassium Phosphate, 1.5 M Sodium Chloride, pH 7.2 prepared in highly polished pharmaceutical grade water (WFI).
Notes	Store at 4C prior to opening. Be advised that blood is a perishable product and exact shelf may depend on application.
Product Application Details	
Applications	Haemagglutination
Recommended Dilutions	Haemagglutination 1:25 - 1:50



Images

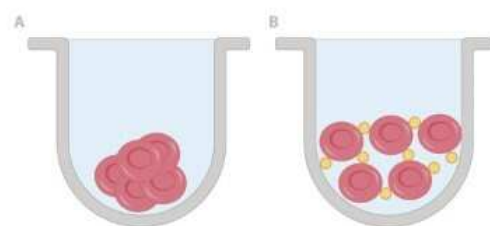
N/A: Sheep Hemagglutination Assay Kit [NBP3-05281] - Sheep Hemagglutination Assay. Row A: Sheep Red Blood Cells 10% Washed Pooled Cells incubated in duplicate with control or antibody listed. Wells: (1-2) PBS only, (3-4) 0.8mg/mL Anti-RBC antibody (1:12.5 dilution), (5-6) 0.4mg/mL Anti-Sheep RBC antibody (1:25 dilution), (7-8) 0.2mg/mL Anti-Sheep RBC antibody (1:50 dilution), (9-10) 0.1mg/mL Anti-Sheep RBC antibody (1:100 dilution). Primary Antibody: Anti-Sheep Red Blood Cells (RABBIT) Antibody buffered with 1X PBS for 90 minutes at RT.



N/A: Sheep Hemagglutination Assay Kit [NBP3-05281] - Sheep Hemagglutination Assay. Row A: Sheep Red Blood Cells 10% Washed Pooled Cells incubated in duplicate antibody listed. Wells: (1-2) 0.4mg/mL Anti-Sheep RBC antibody (1:25 dilution), (3-4) 0.2mg/mL Anti-Sheep RBC antibody (1:50 dilution). Primary Antibody: Anti-Sheep Red Blood Cells (RABBIT) Antibody buffered with 1X PBS for 90 minutes at RT.



N/A: Sheep Hemagglutination Assay Kit [NBP3-05281] - (A) Red blood cells without agglutinating substances. The absence of these agglutinating substances will allow the red blood cells to pellet and form a dense button-like shape at the bottom of the well. (B) Red blood cells in the presence of agglutinating substances. In the presence of glycosylated proteins, lectins, or agglutinating viruses, the blood cells will clump around the agglutinating presence into a diffuse, suspended state.





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Limitations

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