Datasheet for ABIN1044970

Sheep Red Blood Cells (10% Washed Pooled Cells)

3 Images

Go to Product page

Overview

Quantity:	50 mL
Host:	Sheep
Application:	Haemagglutination (H)

Product Details

Protein Source:	Red Blood Cells
Characteristics:	Strain: Sheep - Mixed Sex: Mixed
Sterility:	Non-sterile
Components:	Sheep Red Blood Cells (10% Washed Pooled Cells)
Lysate Type:	Normal

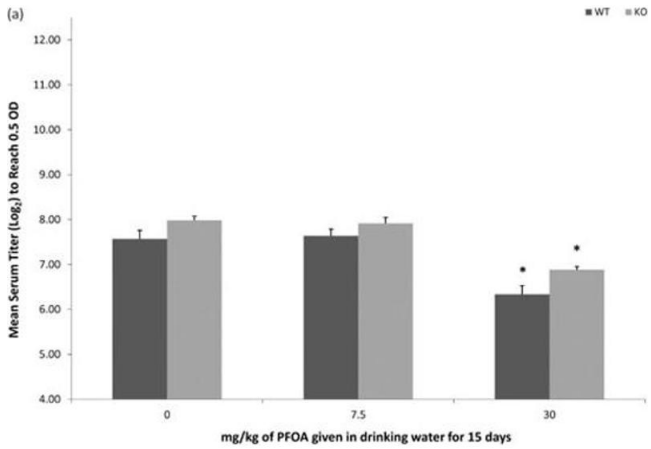
Application Details

Application Notes:	Complement titration, adsorption procedures, HA assays and for the preparation of stroma as particulate reagents.
Comment:	Sheep whole blood is washed to remove the platelet rich plasma, buffy coat layer, and leukocytes (WBC). Red blood cells are supplied as a 10 percent suspension in phosphate buffered saline (PBS). Sheep red blood cells are useful for the titration of complement, adsorption procedures, testing for agglutinins/HA assays, and for the preparation of stroma as particulate reagents. Sheep red blood cells are perishable and are collected and processed upon receipt of your order.
Restrictions:	For Research Use only

Handling

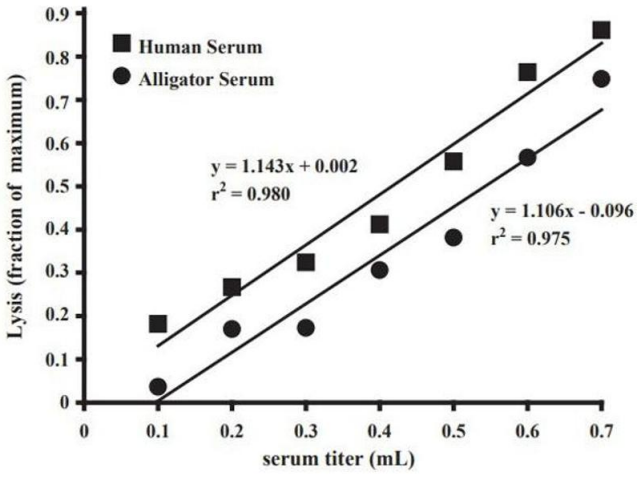
Format:	Liquid
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Storage:	4 °C
Storage Comment:	This product MAY be stable for up to one (1) week if properly stored and handled.
Expiry Date:	1 week

Images



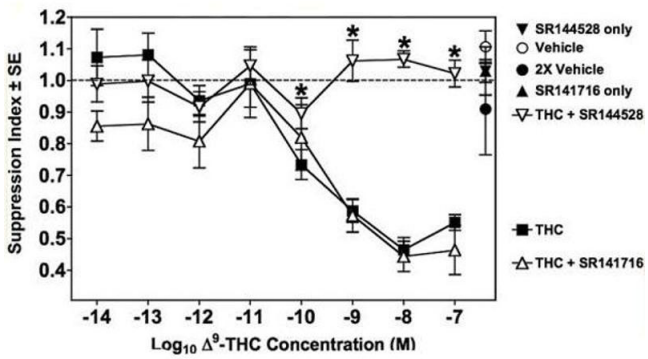
ELISA

Image 1. WT and PPARα KO mice were immunized on the 11th day of dosing (0, 7.5, or 30 mg PFOA/kg/day) by intravenous injection of 4.0x107 sheep red blood cells (SRBC, p/n R405-0050) in 0.2 mL of sterile saline. T-cell-dependent (TDAR) or T-cell-independent (TIAR) IgM antibody responses. Responses of mice exposed to PFOA via drinking water for 15 days, evaluated in sera collected 1 day (TDAR) or 2 days (TIAR) after exposure ended. Data represent mean±SD. (a) The TDAR of wild-type C57BL/6-Tac (WT) or PPARα knockout (KO) B6.129S4-Ppartm1GonzN12 mice (n=6/strain/dose). The TDAR did not differ between WT or PPARα KO mice at any dose. (b) The TIAR of C57BL/6N mice (n=8/dose). *Statistical ($p<0.05$) difference between treated group and corresponding 0 mg PFOA/kg group. Figure 3. PMID: 25594567.



ELISA

Image 2. Krogh plot: Concentration-dependent lysis of sheep red blood cells (SRBCs) [p/n R405-0050] by alligator and human serum. Serum samples were incubated with 1 % SRBCs in a 1.0 mL reaction for 30 min at ambient temperature. The optical density of each sample was determined at 525 nm. The results are expressed as the percentage maximum lysis and represent the means +/- standard deviations for four determinations. Fig. 1. PMID: 15921941.



ELISA

Image 3. Delta9-THC suppresses the secondary plaque-forming cell response via CB2 receptors. A dose titration of THC, with or without a CB1 or CB2 antagonist, was carried out using spleen cells in a secondary PFC assay. Each experiment was repeated 3 times, with triplicate wells for each dose. *p< 0.05 vs. THC alone. Values for vehicle or antagonists alone are not significantly different from 1.0. Sheep red blood cells (p/n R405-0050.) Fig. 2. PMID: 17640739.