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Datasheet for R711-005

Ghost Red Blood Cells (Sheep)

Overview

Description:	Sheep Ghost Red Blood Cells - R711-005
Item No.:	R711-005
Size:	5 mL
Origin:	Sheep

Product Details

Background:	Sheep whole blood is washed to remove the platelet rich plasma, buffy coat layer, and leukocytes (WBC). Washed pooled cells are further processed using robust methods unique to the host species, removing approximately 99% of hemoglobin from a pool of erythrocytes leaving the membrane intact. Ghost Red blood cells are perishable and are collected and processed upon receipt of your order.
Synonyms:	Sheep Washed Pooled Cells, Sheep Red Blood Cells, Sheep RBCs, erythrocytes, Ghost RBCs, Ghost erythrocytes
Species of Origin:	Sheep

Application Details

Application Note:	Ghost red blood cells derived from normal erythrocytes are used as model system for the study of biological membranes and phospholipid metabolism as well as for preparation of drug delivery systems like nanoerythrocytes (NER).
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
Other:	Removal of hemoglobin as determined by A415nm: 100%

Tissue Data

Tissue Type:	Red Blood Cells

Sex:	Mixed
Strain:	Sheep - Mixed

Formulation

Physical State:	Liquid
Concentration:	n/a
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Sterility:	Non-sterile
Preservative:	None
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store at 4° C prior to opening. Be advised that blood products are perishable and exact shelf may depend on application. Do not freeze.
Expiration:	This product MAY be stable for up to two (2) weeks if properly stored and handled.

Images

Bottle
Sheep Ghost Red Blood Cells are perishable. They are collected and processed upon receipt of your order.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.