HIGHLIGHT SHEET

Anti-human Red Blood Cells (ABO) IgG

Description: **Anti-human Red Blood Cells (ABO) IgG**
Product Code: B9180RD00-RD
Source: Rabbit
Antigen Source: Human RBC Stroma
Stage/Grade: IgG Fraction (Ion Exchange)
Storage: 2°C to 8°C
Buffer: 20mM Sodium Phosphate, 150mM Sodium Chloride, 0.05% NaN_3, pH 7.2

Test	Specification
Appearance	Clear and free from particulates
Specificity	Reacts with Human RBC stroma
Concentration	9.5 – 10.5 mg/mL by A280
Purity	$\geq$ 90% by HPLC

Product Specification:
Antiserum is made in rabbits using red blood cell stroma from human blood types A, B, O, Rh+ and Rh-. Serum is collected, pooled and tested for reactivity against huRBC stroma by ELISA to meet or exceed the titer of a master lot. The IgG fraction is purified by ammonium sulfate salt cut and ion exchange chromatography and put into PBS with sodium azide.

Product Application:
The fractionated antiserum can be used in applications that require a pan huRBC immunoreaction such as red blood cell scavenging from whole blood samples used in lateral flow and hemagglutination.

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