



IgY Lab Systems AB

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Product Specification Sheet

Description:	ANTI HUMAN WHOLE PLATELETS. Labelled with fluorescein.
Product No.:	09-128
Lot No.:	
Antigen:	Human Platelets
Host Animal:	Chicken White Leghorn
Titer:	Suitable for detection of platelet activation by flow cytometry. The antibodies have been shown to react with activated human, porcine, rat and rabbit platelets.
Form: N ₃ , pH 7.2.	Chicken IgY in 0.15M NaCl, 0.02M NaH ₂ PO ₄ , 0.1% NaN ₃ , pH 7.2.
Storage:	+4 to +8° C
Suggested use:	Blood samples were collected in 5 mL sodium citrate tubes (367704, Becton Dickinson, Rutherford, NJ). Platelet-rich plasma was isolated by centrifugation at room temperature. 5 mL platelet-rich plasma was added to polystyrene tubes containing 100 mL HEPES-buffer (137 mmol/L NaCl, 2.7 mmol/L KCl, 1 mmol/L MgCl ₂ , 5.6 mmol/L glucose, 1 g/L bovine serum albumin, and 20 mmol/L HEPES, pH 7.4) and 10 mL FITC labelled chicken antibody. The samples were incubated for 10 minutes at room temperature and were then diluted and fixed with 1000 mL ice-cold PBS (0.02 mol/L Na ₂ HPO ₄ , 0.15 mol/L NaCl, 0.02% NaN ₃ , pH 7.2), containing 1 % p-formaldehyde. No washing steps were used. The samples were analyzed utilising an Epics Profile XL-MCL cytometer (Coulter Electronics, Hialeah, FL). Data processing from 5,000 platelets was carried out with the XL software (Coulter Electronics).

Approved/Date _____

Conditions

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