

Technical Data Sheet

Ig Isotype Control Cocktail - A**Product Information**

Material Number:	558509
Size:	20 tests
Vol. per Test:	20 ul
Storage Buffer:	Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

Description

Cocktail Component	Clone
APC mIgM	G155-228
PE mIgG1	MOPC-21
FITC mIgG1	MOPC-21

The Isotype Control Cocktail A is a mixture of Mouse IgG1, and Mouse IgM designed and optimized to work in conjunction with the Rat T/B/NK Lymphocyte Cocktail. The Mouse IgM is a monoclonal antibody specific for trinitrophenol (TNP), a hapten not expressed on mammalian cells (1,2). The G155-178 immunoglobulin was selected as an isotype control following flow cytometric screening for low background staining on a variety of mouse and human tissues (2).

Preparation and Storage

Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

Application Notes**Application**

Flow cytometry	Tested During Development
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Product Notices

1. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
2. Source of all serum proteins is from USDA inspected abattoirs located in the United States.
3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

References

1. BD Biosciences Pharmingen. Unpublished results. . (Biology)
- Prussin C, Metcalfe DD. Detection of intracytoplasmic cytokine using flow cytometry and directly conjugated anti-cytokine antibodies. *J Immunol Methods*. 1995; 188(1):117-128. (Methodology)

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