

Technical Data Sheet

Biotin Mouse Anti-Human IgE

Product Information

Material Number:	555858
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	G7-26
Isotype:	Mouse IgG2a, κ
Reactivity:	QC Testing: Human
Workshop:	NA
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

The G7-26 antibody reacts with human immunoglobulin E. It does not react with other heavy chain isotypes.

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

The antibody was conjugated with biotin under optimum conditions, and unreacted biotin was removed.

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

Application Notes

Application

ELISA	Routinely Tested
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Recommended Assay Procedure:

For development of a quantitative 2-site ELISA for measuring IgE using anti-Ig reagents from BD Biosciences Pharmingen or from some other vendor, it is important to empirically determine that there is no epitope blocking/steric hindrance. Please call Technical Services for latest information from mAb pairings for these 2-site assays.

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
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

Guesdon JL, Ternynck T, Avrameas S. The use of avidin-biotin interaction in immunoenzymatic techniques. *J Histochem Cytochem.* 1979; 27(8):1131-1139. (Methodology)

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