

C57BL/6 Mouse Immunoglobulin Panel

Cat. No.	Kit Format	Size
5300-01B	Purified (UNLB) Immunoglobulins	0.1 mg each

Description

SouthernBiotech's C57BL/6 Mouse Immunoglobulin Panel contains 0.1 mg of mouse IgA, mouse IgG₁, mouse IgG_{2b}, mouse IgG_{2c}, mouse IgG₃, and mouse IgM for use in immunoassays. The kit may be used as positive reference standards for isotyping and standards for quantitative studies of C57BL/6 mouse immunoglobulins in samples such as serum, supernatant, feces, and ascites.

Applications

ELISA – Quality tested ¹⁻⁴

Kit Components

- Purified (UNLB) Mouse IgA
- Purified (UNLB) Mouse IgG₁
- Purified (UNLB) Mouse IgG_{2b}
- Purified (UNLB) Mouse IgG_{2c}
- Purified (UNLB) Mouse IgG₃
- Purified (UNLB) Mouse IgM

Handling and Storage

- The purified (UNLB) immunoglobulins are supplied as 0.1 mg purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- Reagents are stable for the period shown on the label if stored as directed.

References

1. Schmitz JM, Durham CG, Schoeb TR, Soltau TD, Wolf KJ, Tanner SM, et al. Helicobacter felis-associated gastric disease in microbiota-restricted mice. J Histochem Cytochem. 2011;59:826-41. (ELISA Standard - Serum & Feces)
2. Dubovsky JA, Beckwith KA, Natarajan G, Woyach JA, Jaglowski S, Zhong Y, et al. Ibrutinib is an irreversible molecular inhibitor of ITK driving a Th1-selective pressure in T lymphocytes. Blood. 2013;122:2539-49. (ELISA Standard - Serum)
3. Chen A, Geng Y, Ke H, Constant L, Yan Z, Pan Y, et al. Cutting edge: Dexamethasone potentiates the responses of both regulatory T cells and B-1 cells to antigen immunization in the ApoE^{-/-} mouse model of atherosclerosis. J Immunol. 2014;193:35-9. (ELISA Standard - Serum)
4. Iijima N, Iwaski A. Access of protective antiviral antibody to neuronal tissues requires CD4 T-cell help. Nature. 2016;533:552-6. (ELISA Standard - Serum)

For Research Use Only. Not for Diagnostic or Therapeutic Use.

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