Mouse Monoclonal Antibody IgG Subclass Strip Kit

Cat. No. GTX543056

Applications	Lateral Flow
Reactivity	Mouse

Package
50 test, 10 test

PRODUCT

Summary

The GeneTex Mouse Monoclonal Antibody IgG Subclass Strip Kit is a qualitative lateral flow assay developed for the rapid identification of mouse monoclonal antibody IgG subclass. It specifically detects IgG1, IgG2a, IgG2b, IgG3, and kappa light chains through an immunochromatographic method.

Applications

Application Note

Please see the protocol for detailed procedure.

Properties

Storage

Store all components at 2-30°C and avoid direct sunlight. Do not freeze. Do not reuse strips. Do not use components from different kit lots. When stored properly, the unopened kit can be stored for up to 12 months.

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX543056 Image

For full product information, images and publications, please visit our website.

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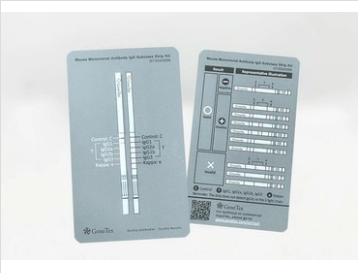
GTX543056 Lateral Flow Image

Culture supernatants from various IgG-expressing (and one IgA-expressing) mouse hybridoma clones were characterized using the Mouse Monoclonal Antibody IgG Subclass Strip Kit (Cat. No. GTX543056) to illustrate sample readouts. The strip contains immobilized capture antibodies specific for IgG1, IgG2a, IgG2b, IgG3, and the kappa light chain. The control line (C) confirms valid assay performance.

Sample order (left to right): NC (Negative Control), IgG1k, IgG2ak, IgG2bk, IgG3k, IgAk, IgG1l
Capture lines (top to bottom): C (Control), IgG1, IgG2a, IgG2b, IgG3, kappa
Note: *The IgAk sample is included as a negative control and produces only a kappa band signal, supporting the assay's specificity for mouse IgG subclasses.*



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