

Technical Data Sheet

Horseradish Peroxidase (HRP) Mouse Anti-Armenian and Syrian Hamster IgG Cocktail

Product Information

Material Number:	554012
Size:	1 mL
Storage Buffer:	Aqueous buffered solution containing BSA and ProClin™ 150 as preservative.
Description:	Mouse anti-Hamster IgG1
Clone Name:	G94-56
Immunogen:	Pooled Armenian hamster IgG mAb
Isotype:	Mouse (BALB/c) IgG2b, κ
Description:	Mouse anti-Hamster IgG2-3
Clone Name:	G70-204
Immunogen:	Pooled Armenian Hamster IgG mAb
Isotype:	Mouse (BALB/c) IgG1, κ

Description

This preparation consists of a mixture of two mouse anti-hamster IgG monoclonal antibodies. It reacts with Armenian hamster IgG1, IgG2, and IgG3, and Syrian hamster IgG1 monoclonal antibodies. It does not react with other hamster IgG groups or hamster IgM. Investigators are encouraged to titrate before use, with a suggested starting dilution of 1:1000.

Warning: HRP Mouse Anti-Armenian and Syrian Hamster IgG Cocktail contains 0.004% (w/w) of a CMIT/MIT mixture (3:1), which is a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC No 220-239-6] (3:1).

Hazard statements

May cause an allergic skin reaction.

Precautionary statements

Wear protective gloves / eye protection.

Wear protective clothing.

Avoid breathing mist/vapours/spray.

If skin irritation or rash occurs: Get medical advice/attention.

IF ON SKIN: Wash with plenty of water.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Preparation and Storage

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

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

The antibody was conjugated with HRP under optimum conditions, and unconjugated antibody and free HRP were removed.

Application Notes

Application

ELISA	Routinely Tested
Western blot	Tested During Development

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Although hamster immunoglobulin isotypes have not been well defined, BD Biosciences Pharmingen has grouped Armenian and Syrian hamster IgG monoclonal antibodies according to their reactivity with a panel of mouse anti-hamster IgG mAbs. A table of the hamster IgG groups, Reactivity of Mouse Anti-Hamster Ig mAbs, may be viewed at http://www.bdbiosciences.com/documents/hamster_chart_11x17.pdf.
3. ProClin is a trademark of Rohm and Haas Company.
4. Source of all serum proteins is from USDA inspected abattoirs located in the United States.
5. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.

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