

ImmunoBioScience (IBSc) Corp.

Data sheet

Animal sera for Immunoassays.

Catalog number: IHR-8131	Bovine serum, Normal	20 ml	IHR-8139	Horse serum, Normal	20 ml
IHR-8132	Cat serum, Normal	10 ml	IHR-8140	'Human serum, Normal	20 ml
IHR-8133	Chicken serum, Normal	20 ml	IHR-8141	Mouse serum, Normal	10 ml
IHR-8134	Dog serum, Normal	10 ml	IHR-8142	Rabbit serum, Normal	20 ml
IHR-8135	Donkey serum, Normal	20 ml	IHR-8143	Rat serum, Normal	10 ml
IHR-8136	Goat serum, Normal	20 ml	IHR-8144	Sheep serum, Normal	20 ml
IHR-8137	Guinea pig, Normal	10 ml	IHR-8145	Swine serum, Normal	20ml
IHR-8138	Hamster, Syrian, Normal	10 ml			

Description: All of these sera are obtained from pools of healthy adult animals and human. These sera's are heat inactivated at 56°C for 60 minutes and diluted and filtered. Each serum is tested with appropriate biotinylated antibody for cross-reactivity.

Storage: Store at 2-8°C. If freezing is required, repeated freeze and thaw cycles should be avoided.

Intended Use: These sera are used as blocking agents at 5% in buffer with all Immunoassays, to reduce non-specific background and conserved sequence.

It is recommended that the diluted serum should be used from the same host animal where the labeled antibody is produced; e.g. if the labeled antibody is made in goat, the blocking serum should be, diluted goat serum.

Reagent: These sera's are supplied in 0.1% sodium azide.

Procedure: Here is protocol for Immunohistochemistry (IHC) and Immunocytochemistry (ICC)

1. If tissues are used, deparafinize and hydrate tissue sections through xylene or other clearing agents and graded alcohols. (For frozen sections or cell smears; use unfixed, acetone fixed or appropriate fixative for the antigen in question; **for cell smears it may be necessary to permeabilize the cell by detergent, please refer to antibody protocol.**

2. Wash 2-3 with distilled or deionized water.

3. Incubate sections/cell smear in Endblocker (#1) for 5-10 minutes at room temperature or 37°C.

Note: If antigen retriever is required it can be applied after this stage.

4. Wash slide with PBS or Tris saline (**with 0.02-0.05% nonionic detergent, Triton X100, Tween 20 or NP-40**) or washing buffer (Universal Immunoassay buffer IBSC cat # AR-6561) 3-5X.

5. Incubate sections/ cell smear in Protein blocking solution (**diluted animal serum**), for 10 minutes. at RT or 37°C

6. Wash slide with PBS 1X.

7. Follow instructions for IHC/ICC.

The diluted serums are also used as blocking agents in all immunoassays.

These are guide lines, the optimum incubation times and dilution of serums should be determined by the individual lab.

If precipitate appears, centrifuge serum and use only supernatant.

'Human serums was found negative for HIV 1/2 antibodies, HCV antibodies, HBsAg and ALT (SGPT) by FDA licensed reagents

Limitation and warranty: Our warranty is limited to the actual price paid for the product. We are not liable for any property damage, personnel injury, time, effort or economic loss due to our product.

MSDS: This product contains 0.1 % sodium azide as a preservative, appropriate care should be taken in handling. National Institute of Occupational Safety and Health has warning that sodium azide can react with lead, copper, brass or solder in the plumbing system and forms hydrazoic acid in acidic condition. Discard with copious amount of water. Avoid skin and eye contact with all laboratory products. Use appropriate lab. gear, lab coat, gloves and safety glasses. Do not ingest any lab. products. This product is not approved for administration in human or animals.

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