

AP08140SU-N**Normal Mouse Serum**

Quantity:	5 ml
Background:	Serum is the clear, straw-colored, liquid portion of blood plasma that does not contain fibrinogen or blood cells and remains fluid after clotting. Serums are obtained from non-hemolyzed blood that is collected from healthy and fasted donors. The donors are not medicated in any way and are maintained on an antibiotic free diet. Sterilization is accomplished by Millipore filtration. These serums provide excellent growth promoting components for tissue culture and microbiological organisms.
Host:	Mouse
Format:	State: Serum (Sterile filtered). No preservatives or amine-containing buffer salts added. Purification: Processed to prevent minimal haemolysis and filtered to 0.2 µm.
Applications:	Blocking sera (Ref.1-4). Control sera (Ref.5,6). Serum additive in dilution buffers. Flow Cytometry (Ref.1-4). ELISA (Ref.6). Immunohistochemistry on Paraffin Sections (Ref.5). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Add. Information:	Source: Adult Non-Swiss Albino (NSA) mice.
Storage:	Store at 2-8°C for one month or in (aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Petersen LK, Xue L, Wannemuehler MJ, Rajan K, Narasimhan B. The simultaneous effect of polymer chemistry and device geometry on the in vitro activation of murine dendritic cells. <i>Biomaterials</i> . 2009 Oct;30(28):5131-42. doi: 10.1016/j.biomaterials.2009.05.069. Epub 2009 Jun 18. PubMed PMID: 19539989. 2. Corrah TW, Goonetilleke N, Kopycinski J, Deeks SG, Cohen MS, Borrow P, et al. Reappraisal of the relationship between the HIV-1-protective single-nucleotide polymorphism 35 kilobases upstream of the HLA-C gene and surface HLA-C expression. <i>J Virol</i> . 2011 Apr;85(7):3367-74. doi: 10.1128/JVI.02276-10. Epub 2011 Jan 19. PubMed PMID: 21248048. 3. Liu KY, Comstock SS, Shunk JM, Monaco MH, Donovan SM. Natural killer cell populations and cytotoxic activity in pigs fed mother's milk, formula, or formula supplemented with bovine lactoferrin. <i>Pediatr Res</i> . 2013 Oct;74(4):402-7. doi: 10.1038/pr.2013.125. Epub 2013 Jul 18. PubMed PMID: 23868366. 4. Thorum SC, Hester SN, Comstock SS, Monaco MH, Pence BD, Woods JA., et al. Dietary (1,3/1,6)-β-D-glucan decreases transforming growth factor β expression in the lung of the neonatal piglet. <i>Nutr Res</i> . 2013;33:322-31. 5. Adegboye DS, Hallbur PG, Cavanaugh DL, Werdin RE, Chase CC, Miskimins DW, et

al. Immunohistochemical and pathological study of Mycoplasma bovis-associated lung abscesses in calves. J Vet Diagn Invest. 1995 Jul;7(3):333-7. PubMed PMID: 7578447.

6. Taha MA, Singh SR, Hulett K, Pillai SR, Agee R, Dennis VA. A peptide containing T-cell epitopes of Chlamydia trachomatis recombinant MOMP induces systemic and mucosal antibody responses in mice. World J Vaccine. 2011;1:138-47.