

Description	Precipitating polyclonal swine antiserum to human hepatitis associated antigen
Product code	SwAHu/HAA
Biological origin	Swine
Physical form	Delipidated, heat inactivated, lyophilized, stable whole serum.
Preservative	No preservative added.
Immunogen	The immunogen has been prepared from sera of patients with hepatitis using gelfiltration Freund's complete adjuvant is used in the first step of the immunization procedure.
Adsorption	Immunoaffinity adsorbed using pooled human serum negative for the antigen, to eliminate antibodies reacting with other human serum proteins. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.
Identity & Specificity	The defined antibody specificity is to the hepatitis associated antigen as tested in counterelectrophoresis and double radial immunodiffusion against HAA positive human serum. The product does not react with normal human serum or plasma.
Cross-reactivity	Inter-species cross-reactivity of this antiserum has not been tested in detail.
Protein concentration	Total protein and IgG concentrations in the antiserum are comparable to those of normal pooled swine serum. No foreign proteins added.
Intended use	In precipitating techniques as counterelectrophoresis and double radial immunodiffusion (Ouchterlony) to identify the presence of hepatitis associated antigen.
Directions for use	In counterelectrophoresis use opposite holes at a distance of 4mm with 6 μ l antiserum and serum samples. In double radial immunodiffusion use a rosette arrangement with 10 μ l antiserum in 3 mm diameter center well and 2 μ l plasma samples (neat and serially diluted) in 2 mm diameter peripheral wells. The distance between the wells should be 2-3 mm. In case the concentration of the protein component is significantly increased or reduced, the required equivalence between the reactants can be established by increasing the amount of antiserum or antigen respectively.
Packing	Vial with 1 ml lyophilized antiserum.
Storage / shelf life	Lyophilized at +4°C at least 10 years reconstituted at or below -20°C 3-5 years reconstituted at +4°C 7 days
Handling	The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. Reconstitute the lyophilized antiserum by adding 1 ml sterile distilled water. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the antiserum. Diluted antiserum should be stored at +4°C, not refrozen, and preferably used the same day.
Caution	This antiserum should be handled by qualified persons only and appropriate precautions should be taken in its handling and disposal, and of all associated materials. For <i>in vitro</i> research purposes only.

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