

## Product Specifications

<b>Product number:</b>	<i>HSM-0100</i>
<b>Description:</b>	<i>Human autoantibody against Sm antigen, buffered with 0.01M phosphate, 0.13 M NaCl, 0.02% NaN<sub>3</sub>. Shows the Sm precipitate band when tested using double immunodiffusion against rabbit thymus extract (RTE-1000). Specificity is verified by identity of precipitation with CDC-AF reference serum. Anti-RNP precipitant is also detected. Titer will vary with test system; however, undiluted antibody shows a strong Sm precipitate band. Exhibits no reactivity at a dilution of 1:100 when tested against purified SSB, Scl-70, and Jo-1 antigens in an ELISA system designed to detect all IgG subclasses. Anti-RNP and low levels of anti-SSA activity are detected in this ELISA system.</i>
<b>Amount:</b>	<i>2 ml</i>
<b>Physical state:</b>	<i>Lyophilized powder</i>
<b>Manufacturing method:</b>	<i>Single donor human plasma is delipidized and defibrinated, then the immunoglobulin fraction is precipitated and collected. Antibody concentration is adjusted for consistent lot to lot titer.</i>
<b>Storage conditions:</b>	<i>Store ≤- 0°C</i>
<b>Instructions for use:</b>	<i>Reconstitute with 2 ml deionized H<sub>2</sub>O.</i>
<b>Warnings:</b>	<i>For research or further manufacturing use only. This product has tested negative against HBsAg antibodies, HBC antibodies, HIV 1 antibodies, HIV 2 antibodies and HCV antibodies.</i>