

## Rheumatoid factor

**Name:** Rheumatoid factor Protein

**Catalog No.:** A1602P

**Quantity Size:** 100µg / 500µg

**Format:** Liquid

**Concentration:** 2.5mg/ml

**Buffer:** 20mM PBS, pH7.4, 100mM L-arginine, 30mg/ml trehalose, 1mg/ml sodium azide

**Purification:** ≥95% (SDS-PAGE)

**Storage:** Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Rheumatoid factor (RF) is the autoantibody that was first found in rheumatoid arthritis. It is defined as an antibody against the Fc portion of IgG and different RFs can recognize different parts of the IgG-Fc. RF and IgG join to form immune complexes that contribute to the disease process. The presence of rheumatoid factor in serum can also indicate the occurrence of suspected autoimmune activity unrelated to rheumatoid arthritis, such as that associated with tissue or organ rejection. In such instances, RF may serve as one of several serological markers for autoimmunity.

**Note:** This product as supplied is intended for research or further manufacturing use only.