



# SERION

## Rf-Absorbent

SERION Rf-Absorbent is recommended for the removal of IgM rheumatoid factors from human serum and plasma samples prior to pathogen-specific IgM detection. The special Rf-Absorbent/CAg simultaneously binds rheumatoid factors and antibodies directed against membrane components of the host-cell used for pathogen cultivation. It is recommended for use with certain SERION ELISA *classic*.

Rheumatoid factors are predominantly anti-IgG directed autoantibodies of the IgM class that can be detected in serum samples of approximately 5 % of healthy individuals. Those IgM rheumatoid factors preferably bind to IgG immune complexes. Therefore, false positive results may appear in pathogen-specific IgM detection. In samples with a high concentration of pathogen-specific IgG antibodies, weakly binding pathogen-specific IgM antibodies may be displaced by stronger binding IgG antibodies. In those cases, IgM detection can show false negative results. Therefore, it is necessary to pretreat serum samples with rheumatoid factor-absorbents. Prior to pathogen-specific IgM detection, it precipitates up to 15 mg IgG / ml undiluted serum and thereby also IgG binding IgM rheumatoid factors. The special Rf-Absorbent/CAg simultaneously binds rheumatoid factors and antibodies directed against membrane components of the host-cell used for pathogen cultivation. It is recommended in combination with SERION ELISA *classic* Cytomegalovirus, Herpes Simplex Virus, Measles Virus, Mumps / Parotitis Virus, Rubella Virus, Toxoplasma gondii and Varicella-Zoster Virus IgM tests.

### Order Information

**Rf-Absorbent** (20 ml for 100 determinations)

**Rf-Absorbent/CAg** (20 ml for 100 determinations)

**Order Nr.: Z200**

**Order Nr.: T200**