



SERION Rheumatoid Factor (Rf)-Absorbent for IgM-Antibody-Detection

Order-No. Z 100 (5ml) / Z 200 (20ml); 5 ml SERION Rf-Absorbent are sufficient for 25 tests

Description of the product

Anti- human- IgG for the removal of IgM- rheumatoid factors from serum- and plasma- probes or cerebrospinal fluid (CSF) which are to be prepared for the detection of specific IgM-antibodies in indirect Immunoassays.

Composition: Processed immune serum from sheep or goats, preserved with 0.1 % Sodium Azide.

Stability and Storage

The SERION Rf- absorbent is in liquid form and ready to use.

Storage: At +2 to +8°C; do not freeze!

Stability: Until expiry date (see label).

Precautions

Probes which are intended for the detection of pathogen-specific IgG-antibodies are **not to be treated** with rf-absorbent. This product contains Sodium Azide. Do not swallow or bring in contact with skin or mucous membranes!

Principle of Method

Rheumatoid factors are autoantibodies (anti-IgG) mainly of the IgM-class. They can be detected in the serum of approx. 5 % of healthy individuals. IgM-rheumatoid factors preferably bind to IgG-immune-complexes; therefore, **false positive results** may appear in the pathogen-specific IgM-detection. Furthermore, the possibility exists, that weak-binding pathogen-specific IgM antibodies are displaced by stronger-binding IgG antibodies. In this case, IgM-detection can bring about **false negative results**. In IgA-detection possibly occurring competition with IgG-antibodies can also be prevented by eliminating IgG with Rf-absorbent.

The SERION Rf-absorbent precipitates up to 15 mg IgG/ml (undiluted serum). The IgM-rheumatoid factor binds to the precipitate. Consequently, the IgG-antibodies as well as the IgM-rheumatoid factors are not reactive in the immunoassay. The use of SERION rheumatoid factor-absorbent can minimize false positive as well as false negative results.

Test performance (serum)

1. Add 200 µl Rf-absorbent and 800 µl ELISA dilution buffer to 10 µl of the probe (yields serum dilution of 1+100). Mix well!
2. Incubate 15 minutes at room temperature or overnight at +2 to +8 C. Mix again.
3. Use 100 µl of the mixture for one test performance in the SERION ELISA *classic*.

Test performance (CSF)


1. Predilution: Dilute Rf-absorbent with ELISA dilution buffer 1:5 (e.g. 100 µl + 400 µl)
2. Dilute CSF 1:2 or 1:10 with predilution (e.g. 100 µl + 100 µl or 20 µl + 180 µl). Mix well! Incubate 15 minutes at room temperature or overnight at +2 to +8°C. Mix again.
3. Use 100 µl of the mixture for one test performance in the SERION ELISA *classic*.

V02/07-1

SERION RHEUMAFAKTOR (RF)-ABSORBENS / RHEUMATOID FACTOR (RF)-ABSORBENT / ABSORBANT DU FACTEUR RHUMATOÏDE / ABSORBENTE DEL FACTOR REUMATOIDE / ASSORBENTE RHEUMAFAKTOR / ABSORVENTE DE FACTOR REUMATÓIDE / REUMAFAKTOR ABSORBANS / RHEUMAFAKTOR ABSORBENS

(V 01/05-1)

Symbole auf den Etiketten / symbols on labels / Symbole sur les étiquettes / Símbolos en las etiquetas / Simboli sulle etichette / Símbolos nas etiquetas / Symboler på etiketterna / Symboler på etiketterne / Etikettien symbolit / Symbolen op de etiketten / Symboler på etikettene / Σύμβολα στις ετικέτες

LOT	Charge/ lot/ Lot/ lote/ carica/ lote/ parti/ Parti/ erä/ Charge/ lot nr. / παρτίδα
REF	Referenz- oder Bestellnummer/ reference or order number/ Référence ou numéro de commande/ referencia o número de pedido/ codice di riferimento o di commissione/ referência ou número de encomenda/ referens eller beställningsnummer/ Reference eller bestillingsnummer/ viite tai tilausnumero/ Referentie of bestelnummer/ referanse eller bestillingsnummer / αριθμός κατάλογου
x...y°C	Lagern zwischen x und y Grad Celsius/ store between x and y degree celsius/ A conserver entre x et y °C/ almacenar entre "x" y "y" grados Celcio/ conservare fra x e y gradi centigradi/ armazenar entre x e y graus de Celcius/ lagra mellan x och grader Celcius/ Opbevares mellem x og y grader Celcius/ Säilytys x - y Celsius-asteen lämpötilassa/ Bewaren tussen x en y graden Celcius/ oppbevares mellom x og y grader Celsius/ Αποθήκευση μεταξύ x και y βαθμών Κελσίου
	Verfallsdatum/ expiry date/ date d'expiration/ Fecha de caducidad/ Data di decadenza/ Limite de validade/ Till förfallodagen den/ Forfaldsdag/ Viimeinen käyttöpäivä/ Vervalddatum/ Forfallsdato/ Ημερομηνία λήξης
RF	Rheumafaktor-Absorbens (RF-Absorbens)/ rheumatoid factor absorbent (rf-absorbent)/ Absorbance facteur rhumatoïde (absorbance RF)/ Absorbente del factor reumatoide/ Assorbente del fattore reumatoide (RF-Absorbens)/ Absorvente de factor de reumatismo/ Reumatismfaktor-absorbent (RF-absorbent)/ Reumatismefaktor-absorbens (RF-absorbens)/ Reumafaktoriabsorbentti (RF-absorbentti)/ Reumafaktor-absorbens (RF-absorbens)/ Reumafaktor-absorptans (RF-absorptans)/ απορροφητικό υλικό ρευματιδούς παράγοντα (RF-απορροφητικό υλικό)
IVD	In-vitro Diagnostik Anwendung/ in-vitro diagnostic use/ Diagnostic in vitro/ uso de diagnóstico in-vitro/ In-vitro diagnostic use/ aplicação do diagnóstico In-vitro/ in vitro diagnostik användning/ In-vitro diagnostisk anvendelse/ in vitro -diagnostiikkakäyttö/ Gebruik voor in-vitro diagnose/ in-vitro diagnostik bruk/ In Vitro Διαγνωστικό Ιατροτεχνολογικό προϊόν