

Datasheet: BUF059

Description:	IgG/RF STRIPPER
Name:	IgG/RF STRIPPER
Format:	Ready To Use
Product Type:	Accessory Reagent
Quantity:	10 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			
Immunoassay	■			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Product Form	Sheep antiserum monospecific to human IgG - liquid
Buffer Solution	Glycine buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 0.1% EACA 0.01% Benzamidine 1mM EDTA

Intended Use

High levels of IgG may mask low levels of IgM in patient sera, resulting in false negatives in certain assays. IgM class rheumatoid factor reacts with IgG immune complexes, leading to the production of pathogen specific immune complexes that can also interfere in certain assays.

BUF059 is a sheep antiserum monospecific to human IgG. It is designed to remove IgG and rheumatoid factor of IgM class from human serum prior to testing for IgM. Patient samples to be tested for pathogen-specific IgM are diluted in IgG/RF stripper, allowing immune complexes to form containing patient IgG. Rheumatoid factor IgM will bind to these complexes, resulting in the removal of both pathogen specific IgG and rheumatoid factor IgM.

IgG/RF stripper will remove IgG at concentrations of up to 15g/L IgG from human serum when used as directed.

Instructions For Use Specimen collection and preparation

Blood samples should be collected by venapuncture, allowed to clot naturally and the serum separated as soon as possible.

Avoid using haemolysed, lipaemic or bacterially contaminated sera.
Serum samples may be stored at 2-8°C for up to 72 hours. For longer-term storage, freeze at -20°C. Avoid repeated freezing and thawing.

Protocol

1. To one volume of serum sample (eg. 50ul), add four volumes of BUF059 (eg. 200ul).
2. Mix and incubate at room temperature for 30 minutes.
3. Centrifuge to remove precipitate.
4. Serum sample is now ready for testing.
5. Note: BUF059 will remove IgG at concentrations of up to 15g/L from human serum when used as directed above. Serum samples containing higher levels of IgG may require the addition of more IgG/RF stripper.

Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted.
Shelf Life	Please see label for expiry date.
Health And Safety Information	Material Safety Datasheet documentation #10244 available at: 10244: https://www.bio-rad-antibodies.com/uploads/MSDS/10244.pdf
Regulatory	For research purposes only

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