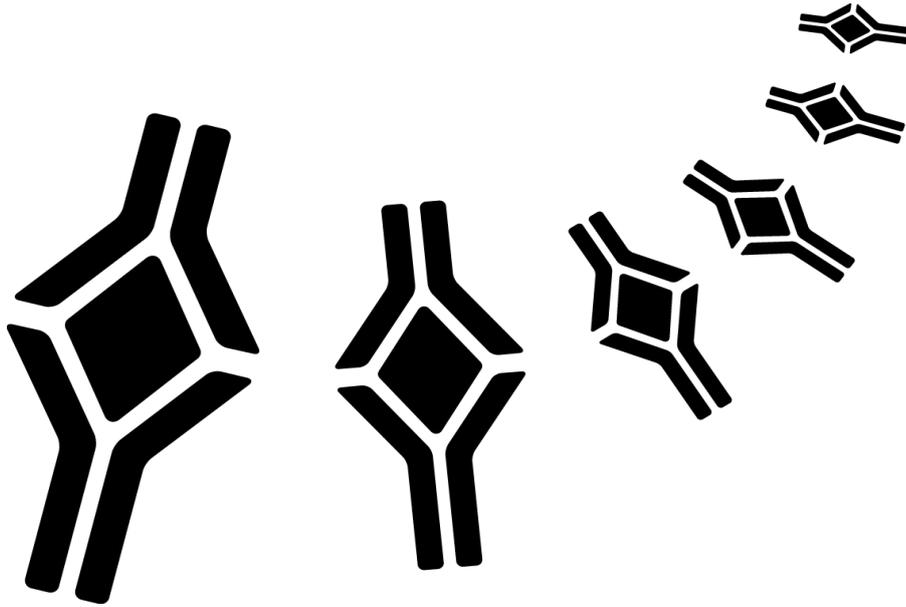


BioVendor

Research
and Diagnostic Products



CGRP AFFINITY SORBENT

Product Data Sheet

Cat. No.: RA19024R

For Research Use Only

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**»» This kit is manufactured by:
BioVendor – Laboratorní medicína a.s.**

»» Use only the current version of Product Data Sheet enclosed with the kit!

1. INTENDED USE AND STORAGE

The affinity sorbent is an immobilized mouse monoclonal antibody anti-CGRP on a matrix resin. The vial contains 1mL of sorbent which can treat up to 20mL sample volume. The use of sorbent will provide you with CGRP-free plasma/serum (pool 4 to 5 plasmas/serums together in order to decrease the variability between animals), and then reconstitute the CGRP standards and QC with free-CGRP serum.

For research use only

Related products:

Human CGRP ELISA - Item no.RA19021R

Rat CGRP ELISA - Item no.RA19022R

Store at + 4°C; shelf life 1 year maximum after production.

2. APPLICATION

The following is the purification protocol to generate CGRP-free biological samples.

Put 1 mL of sorbent in a tube.

Add up to 20 mL of plasma or biological sample.

Let it incubate overnight at +4°C with gentle agitation.

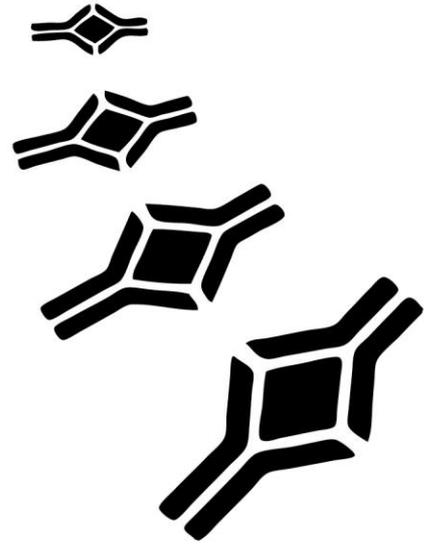
Pour the mixture in an empty column (around 10 x 1 cm) with a filter at the end.

Remove the bottom cap and let the plasma or biological sample elute entirely (the gel should become dry but not for a long time).

The eluted plasma or biological sample is now free of CGRP and ready to be used to dilute standards and samples in the assay.

To regenerate the gel (eliminate the bound CGRP), wash the column with 20 mL of 0.1 M HCl pH 1.5, then wash with 50 mL of 0.1 M Phosphate buffer pH 7.4.

You can then store the sorbent in 3 to 4 mL of EIA buffer (buffer of the kit) at +4°C till the next use. It is stable at +4°C for many months. The sorbent can be regenerated 4 to 5 times unless it is correctly stored in between (wet in EIA buffer at +4°C).



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