Product no AS16 4029
Bisphenol A (rabbit polyclonal)

Product information

Background Bisphenol A (BPA) is predominantly used in the production of polycarbonate plastics and epoxy resins. It is released into the environment and food. BPA is an endocrine disruptor with estrogenic and obesogenic properties. It influences reproduction and has an epigenetic effect already in the foetus.

Immunogen BSA-conjugated Bisphenol Valeric Acid (BVA), Target: Bisphenol A, CAS no.: 80-05-7 (SIGMA)

Host Rabbit

Clonality Polyclonal

Purity Serum

Format Liquid

Quantity 0.1 ml

Storage Store at at 4°C up to one month or in aliquots at -20°C for long time storage. Avoid repeated freezing and thawing.

Tested applications ELISA (ELISA)

Related products

AS19 4364 | Anti-Bisphenol A (monoclonal antibodies)
AS19 4360 | Bisphenol A (antigen) (0.1 mg trial sample)
AS13 2732 | Anti-Acrylamid | Prop-2-enamide, chicken antibodies
AS13 2733 | Anti-Alkylphenols (nonylphenol; octylphenol), rabbit antibodies
AS13 2734 | Anti-Atrazine | 2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine, sheep antibodies
AS13 2737 | Anti-Clofibrate, rabbit antibodies
AS12 2740 | Anti-Ibuprofen, rabbit antibodies

Secondary antibodies

Additional information

Antibody solution contains 0.02% sodium azide preservative of bacterial growth.

Determined cross-reactivity in a direct ELISA assay is:
Molecules containing a phenolic group %
Bisphenol A 100%
4,4’-(ethyldene) bisphenol 10%
Bis-(4-hydroxy phenyl)-methane 1% Nonylphenol 0.1%
4-cumylphenol 1%

Molecules lacking a phenolic group %
Vinclozolin 0.1% Pirimifos-ethyl < 0.1%
17ß-Estradiol < 0.1%
Sulfadimidine < 0.1%

Determined cross-reactivity in an indirect ELISA assay is:
Molecules containing a phenolic group %
Bisphenol A 100%
4,4’-(ethyldene) bisphenol 10%
4-cumylphenol 10%

Molecules lacking a phenolic group % Cross Reactivity
Vinclozolin <0.1%
Pirimifos-ethyl < 0.1%
2,4 D < 0.1%
Fenitrothion < 0.1%
Chlorpyrifosmethyl< 0.1%
Erythromycine < 0.1%

Application information
Recommended dilution: 1:50,000 (ELISA)

Selected references:

For high resolution images, please visit the specific product page at www.agrisera.com