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Product Datasheet

Anti-Glyphosate, Gallus, Polyclonal AGR-AS13-2739

Article Name	Anti-Glyphosate, Gallus, Polyclonal
Biozol Catalog Number	AGR-AS13-2739
Supplier Catalog Number	AS13-2739
Alternative Catalog Number	AGR-AS13-2739
Manufacturer	Agrisera
Host	Gallus
Category	Antikörper
Application	ELISA, IAC
Immunogen	BSA-conjugated Glyphosate (coupled via EDAC/NHS) , Target: Glyphosate, CAS no,: 1071-83-6 from SIGMA,
Product Description	Glyphosate (N-(phosphonomethyl)glycine) is a herbicide of a broad action spectrum which is used to kill broadleaf weeds and grasses known to compete with commercial crops world-wide. Due to its physico-chemical properties glyphosate easily enters the...
Clonality	Polyclonal
Purity	Total IgY. Purified by PEG precipitation.
Form	Liquid
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 2000 (ELISA)

Application Notes

This antibody was used to prepare anti-glyphosate immunoaffinity column which showed to be very specific and retained glyphosate but not AMPA or glufosinate. Recover of glyphosate was ca. 100 %. The antibody is applicable for any type of (waste) water sample. The detection limit is 2,5 µg/l, while the end concentration is 100 µg/l. The standard curve runs from 5 - 100 µg/l. For an optimal ELISA result it is crucial to use Greiner high affinity plates, As assay buffer 0,1M PBS, 1% BSA heat-treated, pH 7,4 is recommended.