Product datasheet for AP33031PU-N

Glyphosate Chicken Polyclonal Antibody

Product data:

Product Type: Primary Antibodies
Applications: AP, ELISA
Recommend Dilution: ELISA:
Dilution 2,000 from the delivered solution (depending on conjugate).
(The titer is defined as the dilution that gives 50% of the maximum absorbance when tested
with ELISA).
This anti-Glyphosate antibody is applicable for any type of (waste) water sample.
The detection limit is 2.5 µg/l, the end concentration is 100 µg/l. Standard curve runs from 5-
100 µg/l.
(For an optimal ELISA result use high affinity plates. Recommended assaybuffer 0.1M PBS, 1%
BSA heat-treated, pH 7.4).
The antibody can be used coupled to column material for IAC.

Host: Chicken
Isotype: IgY
Clonality: Polyclonal
Immunogen: BSA-Glyphosate Conjugate.
Source: Chicken egg yolk, purified by PEG extraction.
Specificity: Glyphosate, CAS no.: 1071-83-6, Solubility: Water.
Formulation: PBS, pH 7.2
State: Purified
State: Liquid purified IgY fraction
Concentration: 5 mg/ml
Purification: PEG Extraction
Background: Glyphosate (N-(phosphonomethyl) glycine) is a non-selective systemic herbicide, used to kill
weeds, especially perennials and broadcast or used in the cut-stump treatment as a forestry
herbicide.