



Immunoaffinity column

Typical applications:

- Detection of various complex samples, including food, feed, traditional Chinese medicine and other matrices
- Detection of common toxins, such as aflatoxin, vomiting toxin, cornenone, ochratoxin A, neurotoxin, etc

RayKol Group has launched a mycotoxin immune affinity column

Immunoaffinity column technology, namely immunoaffinity chromatography technology, is a special solid phase extraction that can effectively concentrate analytes and remove matrix components. Due to its strong specificity of trace detection in food analysis, the detection limit is very low. The fungal immunoaffinity column is based on the principle of immune binding reaction, and uses the high affinity and specificity of antibodies and mycotoxin molecules to realize the purification and enrichment of the samples to be tested. It is mainly used for the highly selective separation of the pretreatment stage of the mycotoxin detection samples of cereals, oils and foods, and is widely used in the mycotoxin detection methods such as national standards, industry standards and international standards.

Product features

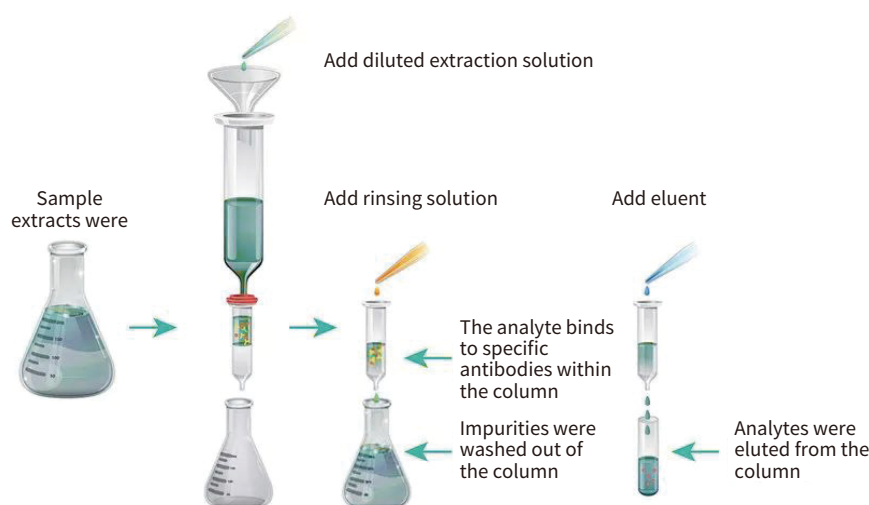
Highly specific adsorption, capable of separating and extracting target substances from complex mixed environments

Meet the national standards for fungal toxin detection

High column capacity and good stability

Suitable for detecting various complex samples

Operation



Applied code

GB 5009.22-2016 The termination of aflatoxin groups B and G in food safety

GB 5009.209-2016 Measurement of cornchilenone in the national standard for food safety

GB 5009.240-2023 Determination of fumaricin in the national standard of food safety

LS / T6126-2017 Measurement of UPA by ultra-efficient liquid chromatography

LS / T 6127-2017 Ultra-high performance liquid chromatography

LS / T 6128-2017 Measurement of aflatoxin B1, B2, G1, G2 in grain ultra-performance liquid chromatography

LS / T 6129-2017 Grain and oil measurement of zebebeenone in grain ultra-performance liquid chromatography

LS / T 6130-2017 Grain and oil test of fumasin B1, B2 ultra-performance liquid chromatography

T / TDSTIA 006-2019 Determination of lactoferrin in milk and dairy products by liquid chromatography

GB 5009.206-2016 Determination of tetrodotoxin in aquatic products with the national standard for food safety

GB 5009.285-2022 Determination of vitamin B12 in food, the national standard for food safety

Chinese Pharmacopoeia 2020 General Rules 2351 mycotoxin determination method

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Members of the RayKol immunoaffinity column family

Art.No	Product description	Pack
HC-QHZ-0001	Aflatoxin B1 immunoaffinity column	300ng/3mL, 20 sticks / box
HC-QHZ-0002	Deoxynivalenol (vomiting toxin) immunoaffinity column	1500ng/3mL, 20 sticks / box
HC-QHZ-0003	Zeaxenone immunoaffinity column	1500ng/3mL, 20 sticks / box
HC-QHZ-0004	Aflatoxin M1 immunoaffinity column	150ng/3mL, 20 sticks / box
HC-QHZ-0005	Total aflatoxin immunoaffinity column	300ng/3mL, 20 sticks / box
HC-QHZ-0006	Ochratoxin A immunoaffinity column	300ng/3mL, 20 sticks / box
HC-QHZ-0007	Vitamin B12 affinity column	800ng/3mL, 20 sticks / box
HC-QHZ-0008	Vitamin B9 affinity column	500ng/3mL, 20 sticks / box
HC-QHZ-0009	Vitamin B7 affinity column	1000ng/3mL, 20 sticks / box
HC-QHZ-0010	Aflatoxin / vomiting toxin two-in-one immunoaffinity column	3mL, 20 sticks / box
HC-QHZ-0011	Aflatoxin / nAR two-in-one immunoaffinity column	3mL, 20 sticks / box
HC-QHZ-0012	Vomiting toxin / maize two-in-one immunoaffinity column	3mL, 20 sticks / box
HC-QHZ-0013	The T2 toxin immunoaffinity column	1000ng/3mL, 20 sticks / box
HC-QHZ-0014	Volotoxin immune affinity column	2500ng/3mL, 20 sticks / box
HC-QHZ-0015	Ttrodotoxin immunoaffinity column	1000ng/3mL, 20 sticks / box
HC-QHZ-0016	Hepar in sodium immunoaffinity column	2mg/6mL, 20 sticks / box
HC-QHZ-0017	An aflatoxin / vomiting toxin / nearenone triad immunoaffinity column	3mL, 20 sticks / box
HC-QHZ-0018	Vomiting toxin / zealberelone / ochratoxin triad immunoaffinity column	3mL, 20 sticks / box
HC-QHZ-0019	Aflatoxin / vomiting toxin / zealberelone / ochratoxin quadruple immunoaffinity column	3mL, 20 sticks / box
HC-QHZ-0020	Aflatoxin / vomiting toxin / zeA / A / ochratoxin / fumarin / T-2 toxin 6-to-one immunoaffinity column	6mL, 20 sticks / box



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