

AFLACARD and OCHRACARD

Screening cards for qualitative detection of aflatoxin and ochratoxin A



Precise



Ready to use reagents



Robust



Convenient



Flexible



Time saving

More information:



<https://r-b.io/food>

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Screening cards for qualitative detection of aflatoxin and ochratoxin A

Overview

The easy-to-handle card tests from R-Biopharm are a suitable, fast option for the analysis of mycotoxins in spices. These versatile tests are available for aflatoxin and ochratoxin and are validated for many food and feed samples at legislative levels.

The clean-up column provided with the test kit ensures that all coloured pigments are removed from the sample extract enabling the extract to be applied to the port of the test card without issues from interfering components. This ensures accurate results are obtained which correlate well to HPLC results. Samples can be screened at various levels to suit the individual requirements.

- Particularly suitable for heavily pigmented samples such as spices and herbs.
- Complies with current EU legislation.
- Clean-up column / immunoaffinity column included with the kit making it suitable for the analysis of complex commodities.
- Excellent correlation with HPLC results.
- Accurate results in under 30 minutes.
- Various screening levels available.

Method principle

Quick and simple methodology which starts by extracting the mycotoxin of interest from the sample. The extract is filtered and passed through a clean-up column before being diluted and applied to the card. Conjugate is applied to the membrane and unbound conjugate is removed by washing. A colourless substrate is added and the card is incubated for five minutes. Finally, a stop solution is applied to the membrane. A purple spot must appear at the control site to indicate that the test is valid. A purple spot at the sample site shows that the contamination is less than the cut off value of the card. No colour at the sample site indicates contamination at a higher level than the cut off of the card.

OCHRACARD – a positive result



Ordering information

Product	Description	No. of tests / amount	Art. no.
AFLACARD B1	Qualitative detection of aflatoxin B1 at various screening levels	20 tests	P27
AFLACARD TOTAL	Qualitative detection of total aflatoxin at various screening levels	20 tests	P38
OCHRACARD	Qualitative detection of ochratoxin A at various screening levels	20 tests	P48