



Aflatoxin M1 Analysis in Milk

I'screen AFLA M1 Milk is a quantitative immunoassay for the analysis of aflatoxin M1 in **raw bovine whole milk, skim milk and milk powder**.


The limit of detection (LOD) is 5 ng/L for liquid milk and 50 ng/L for milk powder. Its sensitivity allows the detection of aflatoxin M1 at concentrations below the regulatory limits set by the European Union. Thanks to the linearity of its dynamic range, it is possible to dilute samples and use the kit in compliance with non-EU regulations, which set concentrations of up to ten times higher than Europe.

The assay is compliant with the **ISO 14675:2003 (IDF 186:2003) guideline**.

The kit has been granted AOAC Research Institute Performance Tested MethodsSM status (AOAC Certificate No. 072002) for use with raw bovine whole milk, skim milk and powdered milk.

To get the approval, the assay was validated in-house at Eurofins Tecna laboratories and verified by an independent, third-party entity which confirmed the kits' performance.





A comprehensive portfolio for Aflatoxin M1 screening in dairy products



I'screen AFLA M1 milk

I'screen AFLA M1 milk has been available on the market for more than 20 years, obtaining more than 50 references and 100% compliance within annual External Quality Assurance program monitoring (proficiency testings participation). It is now the first immunoassay to receive AOAC approval for the analysis of aflatoxin M1 in raw bovine fat milk, skim milk and milk powder.

The assay is compliant with the **ISO 14675:2003 (IDF 186:2003) guideline.**

Article no.	Product Name
HU0040001	I'screen AFLA M1 milk, 96 reactions
HU0040041	I'screen AFLA M1 milk, 192 reactions



I'screen AFLA M1

The kit contains the same reagents, components, procedures as the I'screen AFLA M1 milk, however it also includes a dedicated cheese buffer and protocols for the analysis of cheese and firm cheese, yoghurt, processed

Article no.	Product Name
HU0040002	I'screen AFLA M1, 96 reactions
HU0040042	I'screen AFLA M1, 192 reactions



B ZERO AFLA M1

This test kit has been designed for laboratories handling a limited analytical volume. B ZERO AFLA M1 enables a direct analysis of fat milk without any sample preparation and provides quantitative results without need for calibration within only 30 minutes.

Article no.	Product Name
HU0040023	B ZERO AFLA M1, 48 reactions
HU0040003	B ZERO AFLA M1, 96 reactions
HU0040043	B ZERO AFLA M1, 192 reactions