

# AflaSensor nova

Precision from 20 ppt to 150 ppt Aflatoxin M1



Cow, Goat &  
Sheep Milk

*Validated by*

**ILVO**

## Aflatoxin is carcinogenic and toxic, ...

Some *Aspergillus* spp. molds grow on plant products such as animal feed, and produce the mycotoxin Aflatoxin B1. Rising global average temperature and humidity has given rise to this contamination.

Animals consuming contaminated feed produce milk containing the metabolite Aflatoxin M1.

This molecule is proven to be carcinogenic and toxic. Its detection, and management at as low levels as possible, is not only demanded by law, but is an ethical need for any processor of milk.



The new AflaSensor nova quantitative rapid test kit combines ultra-level sensitivity with advanced robustness and simple handling.

It makes managing the grave Aflatoxin risk simple and fast, for all major types of milk.

## ...manage the risk confidently, rapidly



20 ppt (0.02 µg/kg) LOQ guaranteed



Accurate & precise quantification in the range 20-150 ppt



Compatible with EU maximum levels for infant formula (25 ppt)



Compatible with cow, goat, sheep milk



Superior intra-/inter-batch reproducibility



Results in just 10 minutes



Advanced robustness against:

- temperature variations
- fat, protein & bacterial content
- somatic cells count



# Test in 5 Easy Steps



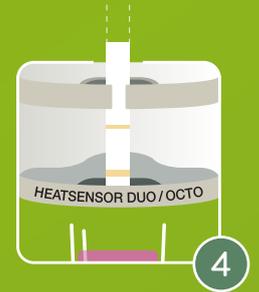
Mix 200 µl of milk and reagents



Place the microwell on the heating block



Start incubating the reagents at 40°C for 3 minutes



After incubation, the strip automatically immerses, and reagents migrate for 7 mins at 40°C

A TOTAL INCUBATION TIME OF 10 MINUTES



Read the results with ReadSensor 2 (\*)

(\*) Every batch and species requires a separate method file

## Product References

REAGENTS	
KIT041N	AFLASENSOR NOVA MILK 0.05 PPB - 96 TESTS
KIT113	CTRL+ AFLA M1 - 50PPT KIT041N
INSTRUMENTS	
APP032	HEATSENSOR DUO
APP052	HEATSENSOR OCTO
APP088	READSENSOR 2

# Unisensor - Who We Are

## Our Mission - Bringing smart diagnostic solutions from the laboratory to the field

Pioneering intelligent diagnostic solutions beyond the confines of the laboratory, we've consistently risen to the demands of the field.

With our unmatched technologies, we don't simply strive for product enhancement, we aspire to revolutionise the contours of our industry.

## Our Vision - Peace Of Mind in Food

At the heart of food production lies the consumer's trust.

By offering our groundbreaking products, we empower producers to assure exceptional food quality that aligns with and exceeds consumer expectations.





Liège Science Park • Rue Louis Plescia, 8 • 4102 Ougrée (Liège) • Belgium  
Phone +32 4 252 66 02 • [info@unisensor.be](mailto:info@unisensor.be) • [www.unisensor.be](http://www.unisensor.be)