

# Quick Afla M1 Strip Test

*New rapid test (10') for Aflatoxin M1 determination in milk according to European limit (50 ppt)*



The new Quick Afla M1 Strip Test kit allows the rapid and visual qualitative/semiquantitative determination **(10 minutes)** of Aflatoxin M1 in milk samples.

The assay can be realized in 2 easy steps: the milk sample is added to a reaction well which contains a lyophilized reagent, mixed and incubated at room temperature for 5 minutes. Then a test strip is inserted in the reaction well and incubated for another 5-minute step.

**The test requires no incubator !**

All that is needed for the analysis comes with the kit, including a reusable 200  $\mu$ L micropipette and the disposable tips: the test can be run everywhere.

## Advantages:

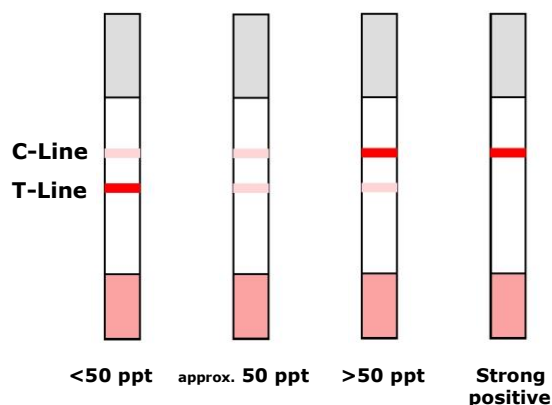
- ☺ 10'-rapid test: it can be performed everywhere in 2 easy steps
- ☺ No need of any incubator at all
- ☺ Very simple interpretation of results, either visual or by means of RDS-2500 reader
- ☺ Qualitative/semiquantitative results when interpreted by eye, with cutoff at 50 ppt
- ☺ Quantitative results with RDS-2500 reader, from 10 to 350 ppt approx.
- ☺ Suitable to every kind of milk, even if preservatives are present
- ☺ Reusable 200  $\mu$ L micropipette always included in the kit
- ☺ Low cost/test and long shelf life

## Visual interpretation:

At the end of the 2nd incubation step, observe the test strip and its lines:

- **T-Line is more intense than C-Line:** the concentration of Aflatoxin M1 in the sample is lower than 50 ppt.
- **T-Line is as intense as C-Line:** the concentration of Aflatoxin M1 in the sample is equal to approx. 50 ppt.
- **T-Line is less intense than C-Line:** the concentration of Aflatoxin M1 in the sample is higher than 50 ppt.
- **T-Line is absent, only C-Line is visible:** the concentration of Aflatoxin M1 in the sample is very high (higher than 300-400 ppt).

Quick Afla M1 Strip Test also gives an approximate indication of Aflatoxin M1 concentration according to the proportion of the intensity level of the two lines.



## Manufactured and distributed by:

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# Quick Afla M1 Strip Test

*Quantitative screening of Aflatoxin M1 in 10 minutes with the handheld RDS-2500 reader*



The new Quick Afla M1 Strip Test kit when combined to the handheld RDS-2500 strip reader provides quantitative results of Aflatoxin M1 in milk in 10 minutes only within the range between 10 and 350 ppt approx. (not suitable to U.S./FDA limit of 500 ppt).

After running the test, the strip is put into the cartridge adapter then inserted in the reader. The result is immediately given in ppt and shown on the touch-screen display along with the enlarged picture of the colored lines appeared on the test strip.

The quantitative results obtained by means of the RDS-2500 reader are accurate and repeatable, thanks to the objective interpretation given by the instrument and its software for enhancing and analyzing the test images, but also thanks to the excellent analytical performances of the Quick Afla M1 Strip Test kit.

The reader features a stable memory for a huge number of test results which can be easily downloaded in a PC by means of the supplied data software. Its long-lasting rechargeable batteries, small dimensions and friendly use allow it to be used everywhere.

## Advantages:

- ☺ Immediate reading and interpretation
- ☺ Handheld, light and easy-to-use equipment
- ☺ Wide, full color, touch-screen LCD display
- ☺ Quantitative results of Aflatoxin M1 between 10 and 350 ppt approx.
- ☺ Huge stable memory for test results on its expandable SD card
- ☺ Software update and data transfer to PC are possible via WiFi
- ☺ Test results sync to PC via WiFi network
- ☺ Supplied with the Data Manager Desktop Suite Software
- ☺ Long-lasting rechargeable batteries



## Product description:

Code no.	Description
ASTM1/96	Quick Afla M1 Strip Test kit, rapid determination of Aflatoxin M1 in milk, 96 tests, including a reusable 200 $\mu$ L micropipette, disposable tips and all that is needed to run the test everywhere
AST2500	RDS-2500 Strip Reader, portable strip reader, supplied with Data Manager Desktop Suite Software for downloading/handling of all results to a PC and battery charger

## For more information, please contact:

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