

Curcumin Test Kit

Catalog No: E-IA-C057

100T

Version Number:	V1.0
Replace version:	/
Revision Date:	2026.05.27

This manual must be read attentively and completely before using this product.

If you have any problems, please contact our Technical Service Center for help.

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Email: techsupport@elabscience.com

Website: www.elabscience.com

Please kindly provide us the lot number (on the outside of the box) of the kit for more efficient service.

Test principle

This product is used for the rapid detection of Curcumin in millet, yellow rice sample, featuring simple operation and short detection time.

Kits components

Item	Specifications
Detection Solution A	2 vials
5 mL Test Tube	1 pack
Sample Cup	1 pack
Disposable Dropper	1 pack
Manual	1 copy

Note: All reagent bottle caps must be tightened to prevent evaporation and microbial pollution.

Other materials required but not supplied

Instruments: Homogenizer, Nitrogen Evaporators, Water bath, Centrifuge, Graduated pipette, Balance (sensitivity 0.01g), Oscillators, EP tubes.

Micropipette: Single channel (20-200 μ L, 100-1000 μ L)

Reagents: Absolute Ethanol.

Notes

1. FOR RESEARCH USE ONLY. Do not use product out of date.
2. The test tubes and sample cup can be reused after rinsing and air-drying.
3. Shake the detection solution well before use and add dropwise, store away from light at all times.
4. The test solution is corrosive. Avoid contact with skin and mucous membranes. In case of eye contact, immediately rinse with plenty of clean water.
5. **Each reagent is optimized for use in the E-IA-C057. Do not substitute reagents from any other manufacturer into the test kit. Do not combine reagents from other E-IA-C057 with different lot numbers.**
6. Dispose of solid and liquid waste generated after using this product in accordance with local regulatory requirements to prevent contamination.
7. This method is applicable to on-site rapid testing. Samples whose test results do not comply with standard limits or labeled values shall be measured in triplicate.
8. The kit is used for rapid screening of actual samples. If the test result is positive, the instrument method such as HPLC, LC/MS, etc. can be used for quantitative confirmation.

Storage and expiry date

Storage: Store at 2-30°C. With cool and dry environment.

Expiry date: expiration date is on the packing box.

Operating Procedures

1. Weigh 1.00 ± 0.05 g of millet into a **Sample Cup**, add 10 mL of **Absolute Ethanol**, and stir to mix thoroughly.
2. Pipette 2 mL of the above sample solution into a **5 mL Test Tube**, then add 5 drops of **Detection Solution A**.

Judgment of result

1. **Positive:** An orange-red color indicates that the millet or yellow millet has been dyed with turmeric powder.