

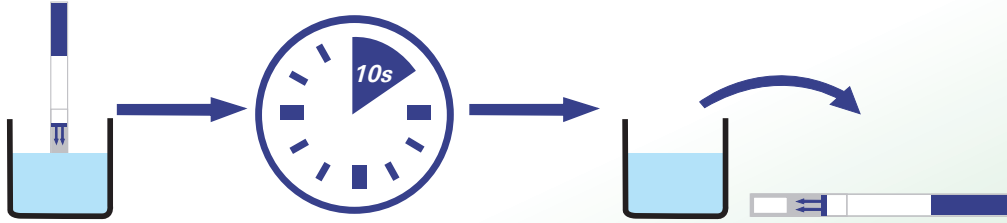


Royal Food Safety Rapid Test Kits

50 strips or cassettes / per box



HOW TO USE OUR PRODUCTS IN 5 EASY STEPS:



Step 1: Extract seed/leaf tissue sample by grinding sample in Water

Step 2: Insert the end of the strips into the bag or tube that contains the sample.

Step 3: Take the strip out after 10 secs. Lay the strip (Max side facing up) flat on a clean, dry, non-absorbent surface.

Step 4: Read the results after 5-10 mins.

Step 5: Interpret test results:

1. Positive – Two pink bands appear at the control and test areas.

2. Negative – Mean either absent or below the limited.

3. Invalid – No visible band appears at the control panel.



Royal Biotech GMO Rapid test kits indicate the presence of the CP4 EPSPS, PHY and BT Cry1AB proteins in genetically modified organisms. Specifications include a detection limit of 1 ng /mL, accuracy >99%, a sensitivity of 1/1000 seeds and a specificity of 99% . Royal Food Safety Rapid test kits include Aflatoxin B1 (AFT) with cutoff level of 10ng/ml (10 ppb) and also is available of 5 ng/ml (5 ppb sensitivity). Chloramphenicol (CPC), 0.3 ppb. Clenbuterol (CBL) w/ 3 ppb sensitivity. US FDA has set a limit of 20 ppb in all food commodities for human & livestock .

Automatic Rapid Diagnostic Platform available also.

ROYAL FOOD SAFETY RAPID TEST STRIPS SERIES:

Serial	Product Description	Specifications	Samples	Test Limit
1	Total Aflatoxin Rapid	Test Strips 50 tests/ Per Box	Wheat Corn Feed	2.5-100ppb
2	Aflatoxin M1	50 tests/Per Box	Raw Milk Milk Power	0.1 - 0.3ppb
3	Aflatoxin B1	50 tests/Per Box	Feed	5 ppb
4	Deoxynivalenol(DON)	50 tests/Per Box	Feed, Raw Milk	200 ppb
5	Zearalenone	50 tests/Per Box	Feed	500 ppb
6	Zearalenone	50 tests/Per Box	Feed	100 ppb
7	Ochratoxin	50 tests/Per Box	Feed	100 ppb
8	Fumonisin	50 tests/Per Box	Feed	200 ppb
9	Fumonisin	50 tests/Per Box	Corn,Wheat,Feed	20 ppb
10	T2	50 tests/Per Box	Feed	200 ppb
11	Melamine(MEL)	50 tests/Per Box	Feed,Milk	100 ppb
12	Melamine(MEL)	50 tests/Per Box	Milk	200 ppb
13	B-Lactam antibiotics test strips	50 tests/Per box	Milk Power Penicillin G	2 ppb

Serial	Product Description	Specifications	Samples	Test Limit
14	β -Lactam antibiotics test strips	50 tests/Per box	Milk, Milk Power	1 u
15	Chloramphenicol	50 tests/Per box	Milk, Milk Power	0.1 ppb
16	Chloramphenicol	50 tests/Per box	Feed	1 ppb
17	Streptomycin	50 tests/Per box	Milk, Milk Power	100 ppb
18	Quinolone	50 tests/Per box	Milk	10 ppb
19	Tetracycline	50 tests/Per box	Milk	80 ppb
20	Sulfonamides	50 tests/Per box	Milk	50 ppb
21	Gentamicin	50 tests/Per box	Milk	50 ppb
22	Lincomycin	50 tests/Per box	Milk	50 ppb
23	Kanamycin	50 tests/Per box	Milk	30 ppb
24	Furazolidone metabolites	50 tests/Per box	Tissue Milk	0.5 ppb
25	Furaltadone metabolites	50 tests/Per box	Tissue, Milk	0.5 ppb
26	Nitrofurazone metabolites	50 tests/Per box	Tissue, Milk	0.5 ppb
27	Nitrofurantoin metabolites	50 tests/Per box	Tissue, Milk	0.5 ppb

Serial	Product Description	Specifications	Samples	Test Limit
28	Clenbuterol hydrochloride	50 tests/Per box	Urine,tissue,serum,feed	3 ppb, 50 ppb
29	Salbutamol	50 tests/Per box	Urine tissue serum feed	3 ppb 50 ppb
30	Ractopamine	50 tests/Per box	Urine tissue serum feed	3 ppb 50 ppb
31	Tetrodotoxin	50 tests/Per box	River Bass, Sea Bass	25 ppb
32	Malachite Green	50 tests/Per box	Tissue, water samples	2 ppb
33	Ceftiofur	50 tests/Per box	Milk, Milk Power	50 ppb
34	Erythromycin	50 tests/Per box	Milk, Milk Power	10 ppb
35	Tylosin	50 tests/Per box	Milk, Milk Power	50 ppb
36	Dexamethasone	50 tests/Per box	Milk	0.2 ppb
37	Spectinomycin	50 tests/Per box	Milk, Milk Power	50 ppb
38	Thiamphenicol	50 tests/Per box	Raw Milk	5 ppb
39	Tilmicosin	50 tests/Per box	Raw milk, milk power	40 ppb
40	Florfenicol	50 tests/Per box	Raw Milk	50 ppb
41	Penicillin	50 tests/Per box	Raw Milk, Milk Power	4 ppb
42	β-Agonist triple 9 in 1	50 tests/Per box	Urine	Bromobuterol 2 ppb