



## Pesticide Rapid Test

With more than 800 pesticides currently in use there is growing concern about the effect of pesticide exposure on human health. As a result, the residue level of pesticides in vegetables and fruits are highly regulated.

While analytical techniques like GC, GC/MS and LC/MS/MS have traditionally been used for pesticide analysis, Bioeasy's

industry leading rapid test with high sensitivity and accuracy has quickly become the technique of choice due to the ability to do a super-fast analysis and much less sample preparation.



# Pesticide Rapid Test

**High sensitivity and good accuracy**  
Good control of false positive rate, great conformity with HPLC-MS/MS

**Complete ranges of product line**  
Including  
Organophosphorus, organochlorine, amino acid ester, pyrethroid and also the fungicide

**Wide ranges of applications**  
Applicable for high pigment content samples like, chili, tomato; and also applicable for samples with secondary metabolite, such as scallion and garlic.

**Fast**  
Only a few minutes to read the results

**Economic**

**Ease of Use**

**RAPID TESTING KITS**



Assay	Compound	LOD(ppb)	Total Time (min)	Application Sample
Organophosphorus	Organophosphorus	Coumaphos: 0.06-0.1 Parathion: 0.03-0.05 Parathion-methyl: 1-2 Fensulfothion: 0.15-0.25 Phoxim: 1 Triazophos: 4 Quinalphos: 4	9	Vegetable Fruit
	Isocarbophos	0.8-1	9	
	Chlorpyrifos	Chlorpyrifos: 0.5-1 Methyl Chlorpyrifos: 0.5-1	9	
	Phoxim	0.05-0.1	9	
Carbamates	Isoflavone	0.05-0.08	9	
	Carbofuran	0.025-0.5	9	
	Carbaryl	0.025-0.5	9	
Synthetic Pyrethroids	Bifenthrin	0.6-1	9	
	Fenpropathrins	Lambda-cyhalothrin: 2 Fenpropathrin: 0.8-1		
Organochlorine	Organochlorine	Endosulfan: 1	9	
Fungicides	Chlorothalonil	0.1-0.2	9	
	Carbendazim	0.1-0.2	9	
	Thiabendazole	0.1-0.2	9	



## OPTIONAL DEVICES

### YR-10 DESKTOP READER



- Record Capacity: 5000 results
- Compact design, ideal solutions for Lab use
- High-sensitivity measurement with high repeatability
- Build-in Micro-Thermo printer
- Fast response time, results tested within seconds
- Data export to PC

### SAFF READER



- Hand-held designed with battery, good for on-site application
- USB port connection or car cigarette-lighter power driven, ideal solution for farmer and truck driver.
- Ease of use with 3.5 inch touch screen
- Data storage can be up to 9,000

### POCKET READER



- Use to read Bioeasy Strips
- Connected with Bluetooth
- Available with Android Application
- Data can be Saved and extracted from Android mobile

### PIPETTES



- 20-200 $\mu$ L
- Digital display clearly reads volume setting



# BIOEASY

Shenzhen Bioeasy Biotechnology Co., Ltd, established in 2007, is a high-tech enterprise engaged in Food safety, Clinical diagnosis, public safety. As a member of the AOAC (Association of Official Analytical Chemists) and IAFF (International Association for Food Protection), the products from Bioeasy are very reliable and reaching more than 100 countries to protect and improve the global food chain.



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