

NKBIO

From farm to fork , We follow the supply chain all the way!

HANGZHOU NANKAI BIOTECH CO., LTD.
FOOD SAFETY RAPID TEST



Company Introduction

About NKBIO

Established in 2005, Nankai Biotech have been focusing on developing and manufacturing Rapid Test Kits for Food Safety based upon GICA technologies.

With more than 2000 square meter R&D and production bases, we have a maturing platform for GICA technology from raw material to finished products, we do antigen synthesis, antibody production and purification, and GICA rapid test reagents development all by ourselves.

We also have undertaken a series of sci-tech projects for chinese government, and have participated in drafting rules and regulations for making food safety test standard for our government.

Our Products

Our rapid test kits can detect the residues of antibiotics, veterinary drugs, beta-agonist and pesticide in the foods. It only 3 mins for results, no professionals and equipment required (or very simple one), suitable for lab and field analysis.

They have covered the quality control area of honey, meat, livestock, seafood, eggs, feed, milk, dairy products, grain and oil, fruit and so on.

Our QC System

ISO 9001: 2008 Quality Management system

NKBIO Rapid Tests Benefits:

1. Only 3-5 min for results
2. Sensitivities respond to EU Norms
3. Single test for every target sample
4. Eyes Interpretation or quantitative measurement, suitable for lab and field analysis
5. Lowest set-up costs as no professionals and no equipment required (or simple one)
6. Stable when stored at room temperature
7. Safe : non-toxic and harmless

Application:

1. Mass screening
2. Food quality control can be carried out by animal products whole sales market and subsidiary foodstuff whole sale market.
3. Import and export inspection and quarantine
4. Random inspection of raw material and half-finished product by animal products enterprises, dairy enterprises.
5. Market product quality inspection by industrial and commercial bureau.
6. Raw material quality control when mid-man purchases the animal products, honey.

NKBIO Rapid Test Benefits (by comparison)

Method	HPLC-MS/MS	ELISA	GICA
Detection Limits	Depend on samples	Lowest	Higher than ELISA
Sample Treatment Time	Long time	Same as GICA	Same as ELISA
Assay Time	Several hours	1 hour	3-5 mins
Special Equipment Required	HPLC-MS/MS or LC-MS/MS	Microtiter Plate Reader Incubator	No Requirements, or simple one
Professionals Required	Professionals	Professionals	No Professionals
Result Calculation	Standard Curve Analysis	Standard Curve Analysis	Naked-eye Observation
Single Sample Test	✓	×	✓
Multi-channel Test	×	✓	✓
Storage	Room Temperature	2-8 °C	Room Temperature
Safety	Hypertoxic	Low toxicity, mordant	nontoxic
Cost	Very High	High	Low

Assay Procedure:

①



Prepare samples . Add three drops of them into the sample well, and then start the timer.

②



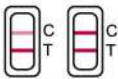
Antigen and the tracer antibody reacts in the membrane frontal zone and membrane zone

③



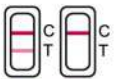
The liquid keeps walking and comes across the detection zone, a (or two) line will appear.

Results of detection:




Negative

Negative:
Two lines are visible and the color strength of the Test Line (T) is the same as or darker than the Control Line (C), this indicates that the concentration in sample is below the limits of detection.



Positive

Positive:
Two lines are visible, but the color strength of the Test Line (T) is lighter than the Control Line (C), or there is no Test Line. This indicates that the concentration in sample is above the limits of detection.



Invalid

Invalid:
Control Line fails to appear. Insufficient specimen volume or incorrect procedural techniques are the most likely reasons for an invalid result. Review the procedure and repeat the test with a new test device. Stop using the test kit immediately if the problem is not solved and contact your local distributor.

Pictures for R&D and production bases and brand :





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Made for speed, convenience & accuracy...



Veterinary residues rapid test for livestock and poultry

Application:

1. Mass screening
2. Quality control by livestock product processors
3. Market monitoring by commercial bureau, slaughterhouse, and veterinary station
4. Livestock product safety supervising by state export and import inspection and quarantine bureau

Benefits:

1. Only 3-5 min for results
2. Sensitivities respond to EU Norms
3. Single test for every target sample
4. Eyes Interpretation or quantitative measurement, suitable for lab and field analysis
5. Lowest set-up costs as no professionals and no equipment required (or simple one)

Veterinary residue rapid test for livestock and poultry

MRL from some main countries and areas:

* MRL data from China: Ministry of Agriculture No.235 * MRL data from EU: EU NO.508/1999/EC * MRL data from USA: USA FDA

* MRL data from Japan: JP Positive List System

Product Name	CHN MRL	EU MRL	US MRL	JP MRL
Clenbuterol	Forbidden	0.1 ppb	Forbidden	Forbidden
Ractopamine	Forbidden		50 ppb	10 ppb
Salbutamol	Forbidden			
Chloramphenicol	Forbidden	Forbidden	Forbidden	Forbidden
Nitrofurans	Forbidden	Forbidden	Forbidden	Forbidden
Fluoroquinolones	CIP+ENR 100 ppb	CIP+ENR 100 ppb	ENR 300 ppb	10-100 ppb
Tetracyclines	OTC / CTC /TC (single/total) 100 ppb	OTC / CTC /TC (single/total) 100 ppb	2 ppm	OTC / CTC /TC (total) 20 ppb DOXY 50 ppb
Sulfonamides	100 ppb	100 ppb	100 ppb	20-200 ppb
Streptomycin	600 ppb	500 ppb	500 ppb	600 ppb
Gentamycin	100 ppb	50 ppb	100 ppb	100 ppb
Erythromycin	200 ppb	200 ppb	100 ppb	50 ppb
Lincomycin	100 ppb	100 ppb	100 ppb	200 ppb
Neomycin	500 ppb	500 ppb	720 ppb	500 ppb
Olaquinox	4 ppb			
Tylosin	200 ppb	100 ppb	200 ppb	50 ppb
Chanamyn		100 ppb		100 ppb

NKBIO Rapid Test Kits Availability:

Product Item	Product Name	Target Sample	Sensitivity (ppb)	Total Assay Time (including preparations)	Standard packing
CLEN-X201U1	Clenbuterol Residue Rapid Test Device	Urine	3 ppb	3-5 min	40 /kit
CLEN-X201U2	Clenbuterol Residue Rapid Test Device	Urine	5 ppb	3-5 min	40/kit
CLEN-D201U3	Clenbuterol Residue Rapid Test Device	Urine	1 ppb	3-5 min	40/kit
RAC-X201U2	Ractopamine Residue Rapid Test Device	Urine	5 ppb	3-5 min	40/kit
RAC-D201U3	Ractopamine Residue Rapid Test Device	Urine	3 ppb	3-5 min	40/kit
SAL-X201U1	Salbutamol Residue Rapid Test Device	Urine	5 ppb	3-5 min	40/kit
SAL-D201U1	Salbutamol Residue Rapid Test Device	Urine	3 ppb	3-5 min	40/kit
CLEN-D203P2	Clenbuterol Residue Rapid Test Device	Tissue	1 ppb	40 min	40/kit
CLEN-D203P3	Clenbuterol Residue Rapid Test Device	Tissue	5 ppb	15 min	40/kit
CLEN-D203P1	Clenbuterol Residue Rapid Test Device	Tissue	3 ppb	15 min	40/kit
CLEN-X203P1	Clenbuterol Residue Rapid Test Device	Tissue	5 ppb	15 min	40/kit
RAC-D203P2	Ractopamine Residue Rapid Test Device	Tissue	1 ppb	30 min	40/kit
RAC-D203P6	Ractopamine Residue Rapid Test Device	Tissue	5 ppb	25 min	40/kit
RAC-D203P4	Ractopamine Residue Rapid Test Device	Tissue	10 ppb	15 min	40/kit
SAL-D203P1	Salbutamol Residue Rapid Test Device	Tissue	2 ppb	40 min	40/kit
SAL-D203P2	Salbutamol Residue Rapid Test Device	Tissue	5 ppb	15 min	40/kit
CAP-D203P1	Chloramphenicol Residue Rapid Test Device	Tissue	0.1 ppb	30 min	40/kit
CAP-D203P3	Chloramphenicol Residue Rapid Test Device	Tissue	0.3 ppb	30 min	40/kit
TCs-D203P1	Tetracyclines Residue Rapid Test Device	Tissue	10 ppb	20 min	40/kit
TCs-D203P2	Tetracyclines Residue Rapid Test Device	Tissue	100 ppb	20 min	40/kit

Veterinary residue rapid test for livestock and poultry

NKBIO Rapid Test Kits Availability:

Product Item	Product Name	Sample	Sensitivity (ppb)	Total Assay Time (including preparations)	Standard packing
SAs-D203P1	Sulfonamides Residue Rapid Test Device	Tissue	4 ppb	25 min	40 /kit
SAs-D203P3	Sulfonamides Residue Rapid Test Device	Tissue	50 ppb	10 min	40/kit
FQNs-D203P3	Fluoroquinolones Residue Rapid Test Device	Tissue	10 ppb	30 min	40/kit
STR-D203P1	Streptomycin Residue Rapid Test Device	Tissue	100 ppb	10-20 min	40/kit
STR-D203P3	Streptomycin Residue Rapid Test Device	Tissue	10 ppb	30 min	40/kit
GEN-D203P1	Gentamicin Residue Rapid Test Device	Tissue	50 ppb	15-20 min	40/kit
SEM-D203P2	Furacilin Metabolite Residue Rapid Test Device	Tissue	1 ppb	120 min	40/kit
AHD-D203P2	Furadantin Metabolite Residue Rapid Test Device	Tissue	1 ppb	120 min	40/kit
AOZ-D203P2	Furazolidone Metabolite Residue Rapid Test Device	Tissue	0.5 ppb	120 min	40/kit
AMOZ-D203P2	Furaltadone Metabolite Residue Rapid Test Device	Tissue	1 ppb	120 min	40/kit
KAN-D203P1	Kanamycin Residue Rapid Test Device	Tissue	50 ppb	20 min	40/kit
ERY-D203P1	Erythromycin Residue Rapid Test Device	Tissue	50 ppb	30 min	40/kit
TYL-D203P1	Tylosin Residue Rapid Test Device	Tissue	50 ppb	30 min	40/kit
NEO-D203P1	Neomycin Residue Rapid Test Device	Tissue	500 ppb	30 min	40/kit
LIN-D203P1	Lincomycin Residue Rapid Test Device	Tissue	100 ppb	30 min	40/kit
QLAQ-D203P1	Olaquinox Residue Rapid Test Device	Tissue	4 ppb	30 min	40/kit

* please note : we are able to provide different sensitivities to meet your requirements *



Veterinary residues rapid test for milk and dairy products

Application:

1. Mass screening
2. Milk field test by commercial bureau
3. Supervising by state export and import inspection and quarantine bureau
4. Quality control (both finished and raw) by milk producers

Benefits:

1. Only 3-5 min for results
2. Sensitivities respond to EU Norms
3. Single test for every target sample
4. Eyes Interpretation or quantitative measurement, suitable for lab and field analysis
5. Lowest set-up costs as no professionals and no equipment required (or simple one)

Veterinary Residue Rapid Test for Milk and Dairy Products

MRL from some main countries and areas:

* MRL data from China: Ministry of Agriculture No.235 * MRL data from EU: EU NO.2377/90/EEC, EU NO.508/1999/EC

Product Name	CHN MRL	EU MRL
Penicillin	4 ppb	4-30 ppb
Cephalosporin	20-100 ppb	20-125 ppb
Tetracyclines	100 ppb	100 ppb
Streptomycin	200 ppb	200 ppb
Chloramphenicol	Forbidden	Forbidden
Fluoroquinolones	CIP+ENR 100 ppb	Forbidden (MAR 75 ppb)
Gentamicin	200 ppb	100 ppb
Sulfonamides	100 ppb	100 ppb
Neomycin	500 ppb	1500 ppb
Erythromycin	40 ppb	40 ppb
Lincomycin	150 ppb	150 ppb
Tylosin	50 ppb	50 ppb
Kanamycin		150 ppb

NKBIO Rapid Test Kits Availability:

Product Item	Product Name	Target Sample	Sensitivity (ppb)	Total Assay Time (including preparations)	Standard packing
PEN-D204R1	Penicillin Residue Rapid Test Device	Raw Milk	4 ppb	10-15 min	40/kit
β-LAC-D204R1	β-Lactam Residue Rapid Test Device	Raw Milk	3 ppb	5-10 min	40/kit
PENASE-D204R1	β-lactamase Residue Rapid Test Device	Raw Milk	3U	5-10 min	20/kit
TCs-D204R1	Tetracyclines Residue Rapid Test Device	Raw Milk	10 ppb	5-10 min	40/kit
TCs-D204R3	Tetracyclines Residue Rapid Test Device	Raw Milk	100 ppb	5-10 min	40/kit
MEL-D204R1	Melamine Residue Rapid Test Device	Raw Milk	0.2 ppm	5-10 min	40/kit
AFLM1-D204R1	Aflatoxin Residue Rapid Test Device	Raw Milk	0.1 ppb	20 min	40/kit
STR-D204R1	Streptomycin Residue Rapid Test Device	Raw Milk	50 ppb	5 min	40/kit
GEN-D204R1	Gentamicin Residue Rapid Test Device	Raw Milk	50 ppb	5-10 min	40/kit
CAP-D204R3	Chloramphenicol Residue Rapid Test Device	Raw Milk	0.3 ppb	30 min	40/kit
CAP-D204N3	Chloramphenicol Residue Rapid Test Device	Raw milk, milk powder finished Milk	0.3 ppb	30 min	40/kit
FQNs-D204R1	Fluoroquinolones Residue Rapid Test Device	Raw Milk	30 ppb	5-10 min	40/kit
SAs-D204R1	Sulfonamides Residue Rapid Test Device	Raw Milk	4 ppb	25 min	40/kit
NEO-D204R1	Neomycin Residue Rapid Test Device	Raw Milk	500 ppb	20 min	40/kit
ERY-D204R1	Erythromycin Residue Rapid Test Device	Raw Milk	40 ppb	20 min	40/kit
LIN-D204R1	Lincomycin Residue Rapid Test Device	Raw Milk	150 ppb	20 min	40/kit
TYL-D204R1	Tylosin Residue Rapid Test Device	Raw Milk	50 ppb	20 min	40/kit
KAN-D204R1	Kanamycin Residue Rapid Test Device	Raw Milk	10 ppb	10-15min	40/kit

* please note : we are able to provide different sensitivities to meet your requirements *



Veterinary residue rapid test for seafood and fish products

Application:

1. Mass screening
2. Aquatic products field test by commercial bureau
3. Aquatic products supervising by state export and import inspection and quarantine bureau
4. Quality control (both finished and raw) by aquatic products manufacturers and fish breeding farms

Benefits:

1. Only 3-5 min for results
2. Sensitivities respond to EU Norms
3. Single test for every target sample
4. Eyes Interpretation or quantitative measurement, suitable for lab and field analysis
5. Lowest set-up costs as no professionals and no equipment required (or simple one)

Veterinary Residue Rapid Test Device for seafood and fish Products

MRL from some main countries and areas:

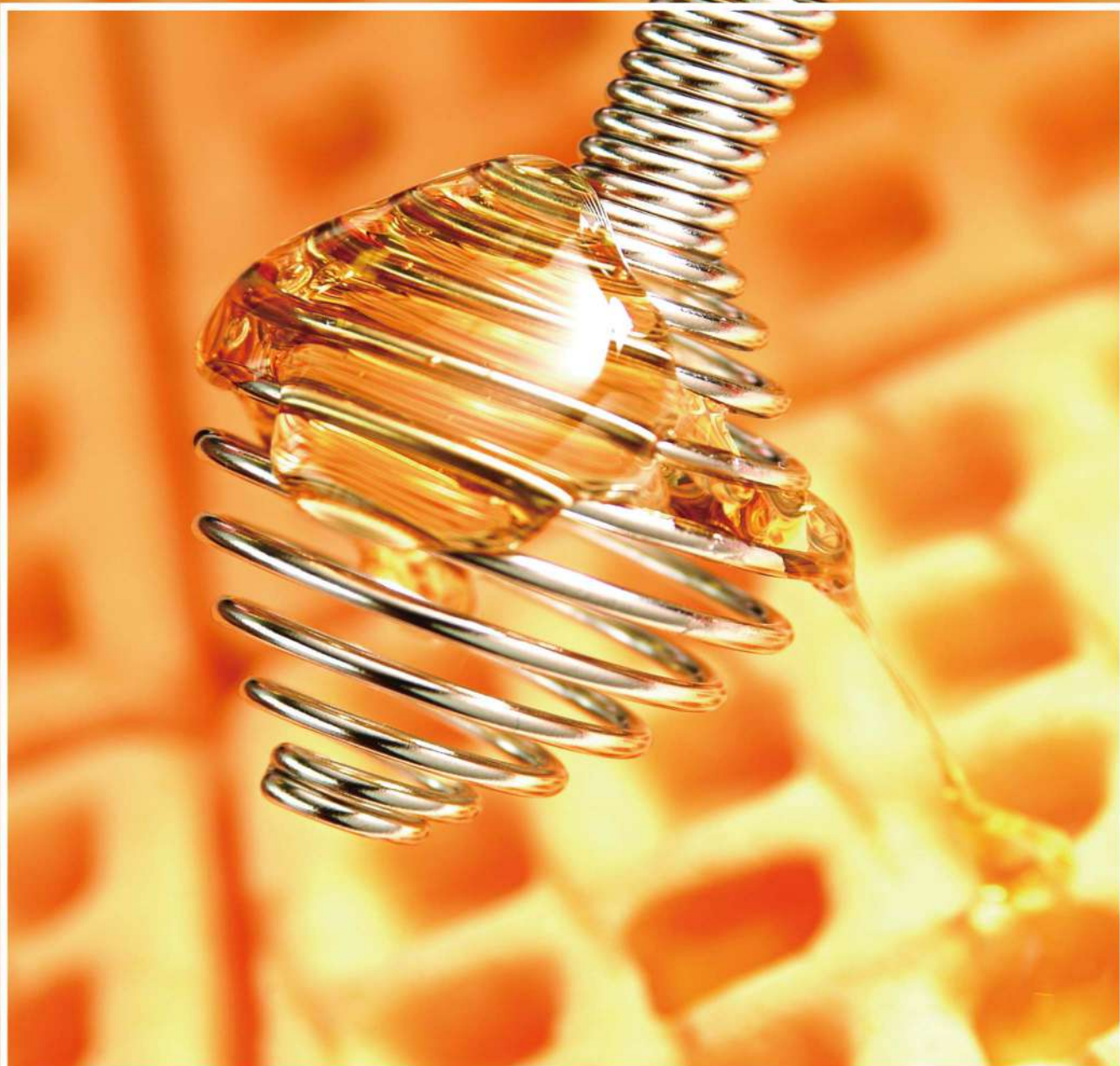
* MRL data from China: GB 14963-2003 Honey higien standard, NY 5134-2008 Organic Food, Honey * MRL data from EU: EU NO.2377/90/EE, EU NO. 508/1999/EC * MRL data from Japan: JP Positive List System

Product Name	CHN MRL	EU MRL	JP MRL
Chloramphenicol	Forbidden	0.3 ppb	Forbidden
Fluoroquinolones	ENR+CIP 100 ppb SAR 30 ppb	SAR 30 ppb	ENR- DAN 100 ppb DIF 300 ppb
Sulfonamides	100 ppb	100 ppb	
Tetracyclines	OTC/CTC/TC (single/total)100 ppb	OTC/CTC/TC (single/total)100 ppb	Total 200 ppb
Malachite Green	Forbidden	2 ppb	2 ppb
Nitrofurans	Forbidden	1 ppb	Forbidden
Erythromycin	200 ppb	200 ppb	200 ppb

NKBIO Rapid Test Kits Availability:

Product Item	Product Name	Target Sample	Sensitivity (ppb)	Total Assay Time (including preparations)	Standard packing
CAP-D203S1	Chloramphenicol Residue Rapid Test Device	Tissue	0.1 ppb	20 min	40/kit
CAP-D203S3	Chloramphenicol Residue Rapid Test Device	Tissue	0.3 ppb	20 min	40/kit
FQNs-D203S3	Fluoroquinolones Residue Rapid Test Device	Tissue	10 ppb	30 min	40/kit
SAs-D203S1	Sulfonamides Residue Rapid Test Device	Tissue	4 ppb	15 min	40/kit
SD-D203S1	Sulfadiazine Residue Rapid Test Device	Tissue	20 ppb	15 min	40/kit
SM2-D203S1	Sulfamethazine Residue Rapid Test Device	Tissue	20 ppb	15 min	40/kit
SMZ-D203S1	Sulfamethoxazole Residue Rapid Test Device	Tissue	20 ppb	15 min	40/kit
ST-D203S1	Sulfathiazole Residue Rapid Test Device	Tissue	20 ppb	15min	40/kit
TCs-D203S1	Tetracyclines Residue Rapid Test Device	Tissue	10 ppb	20 min	40/kit
TCs-D203S2	Tetracyclines Residue Rapid Test Device	Tissue	100 ppb	20 min	40/kit
MG-D203S1	Malachite Green, Crystal Violet Residue Rapid Test Device	Tissue	0.5 ppb	45 min	40/kit
MG-D203S2	Malachite Green, Crystal Violet Residue Rapid Test Device	Tissue	0.5 ppb	45 min	40/kit
AHD-D203S1	Furacilin Metabolite Residue Rapid Test Device	Tissue	0.5 ppb	120 min	40/kit
SEM-D203S1	Furadantin Metabolite Residue Rapid Test Device	Tissue	0.5 ppb	120 min	40/kit
AMAZ-D203S1	Furaldone Metabolite Residue Rapid Test Device	Tissue	0.5 ppb	120 min	40/kit
AOZ-D203S1	Furazolidone Metabolite Residue Rapid Test Device	Tissue	0.5 ppb	120 min	40/kit
ERY-D203S1	Erythromycin Residue Rapid Test Device	Tissue	200 ppb	30 min	40/kit

* please note : we are able to provide different sensitivities to meet your requirements *



Veterinary residue rapid test for honey products

Application:

1. Mass screening
2. Honey field test by commercial bureau
3. Honey supervising by state export and import inspection and quarantine bureau
4. Quality control (both finished and raw) by honey products manufacturers and bee breeding farms

Benefits:

1. Only 3-5 min for results
2. Sensitivities respond to EU Norms
3. Single test for every target sample
4. Eyes Interpretation or quantitative measurement, suitable for lab and field analysis
5. Lowest set-up costs as no professionals and no equipment required (or simple one)

Veterinary Residue Rapid Test Device for Honey Products

MRL from some main countries and areas:

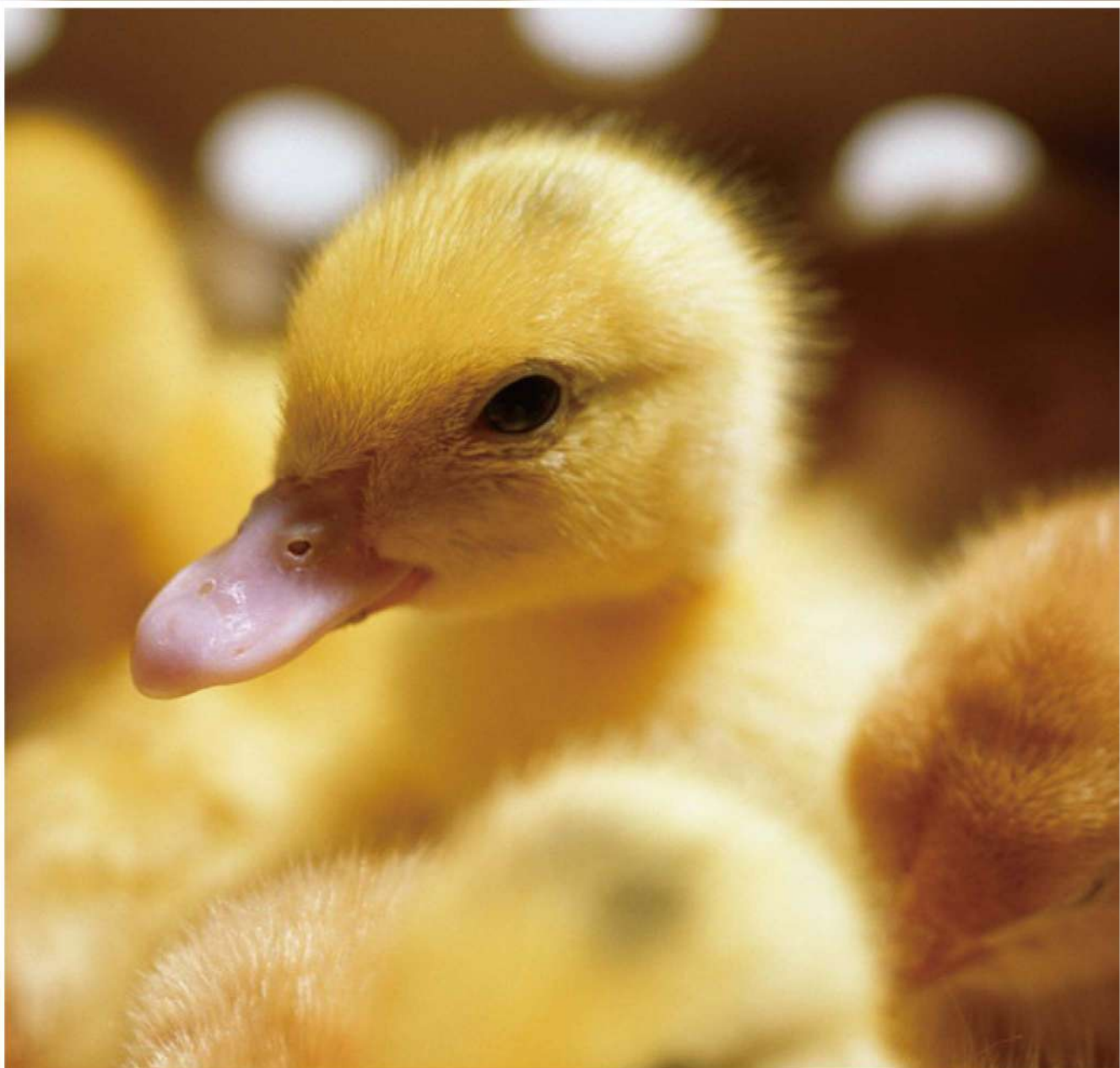
* MRL data from China: GB 14963-2003 Hygienic standard for honey, NY 5134-2008 Organic Food, Honey * MRL data from EU: EU NO.2377/90/EE、EU NO.508/1999/EC * MRL data from Japan: JP Positive List System

Product Name	CHN MRL	EU MRL	JP MRL
Chloramphenicol	Forbidden	Forbidden	Forbidden
Nitrofurans	Forbidden	Forbidden	Forbidden
Tetracyclines	50 ppb	OTC/CTC/TC (single/total)100 ppb	OTC/CTC/TC (total) 30 ppb
Sulfonamides	50 ppb	100 ppb	
Penicilin		4-30 ppb	4-9 ppb
Fluoroquinolones		Marbofloxacin 75 ppb	
Arilin	Forbidden		Forbidden

NKBIO Rapid Test Kits Availability:

Product Item	Product Name	Target Sample	Sensitivity (ppb)	Total Assay Time (including preparations)	Standard packing
CAP-D206H1	Chloramphenicol Residue Rapid Test Device	Honey	0.1 ppb	20-30 min	40/kit
CAP-D206H3	Chloramphenicol Residue Rapid Test Device	Honey	0.3 ppb	20-30 min	40/kit
TCs-D206H1	Tetracyclines Residue Rapid Test Device	Honey	10 ppb	10 min	40/kit
FQNs-D206H1	Fluoroquinolones Residue Rapid Test Device	Honey	2 ppb	30 min	40/kit
AHD-D206H1	Furacilin Metabolite Residue Rapid Test Device	Honey	0.5ppb	30 min	40/kit
AHD-D206H2	Furacilin Metabolite Residue Rapid Test Device	Honey	1-2ppb	120 min	40/kit
AMOZ-D206H1	Furaltadone Metabolite Residue Rapid Test Device	Honey	0.5ppb	120 min	40/kit
AMOZ-D206H2	Furaltadone Metabolite Residue Rapid Test Device	Honey	1-2ppb	120 min	40/kit
SEM-D206H1	Furadantin Metabolite Residue Rapid Test Device	Honey	0.5ppb	120 min	0/kit
SEM-D206H2	Furadantin Metabolite Residue Rapid Test Device	Honey	1-2ppb	120 min	40/kit
AOZ-D206H1	Furazolidone Metabolite Residue Rapid Test Device	Honey	0.5ppb	120 min	40/kit
AOZ-D206H2	Furazolidone Metabolite Residue Rapid Test Device	Honey	2ppb	120 min	40/kit
SAs-D206H1	Sulfonamides Residue Rapid Test Device	Honey	4 ppb	25 min	40/kit
SD-D206H1	Sulfadiazine Residue Rapid Test Device	Honey	10 ppb	15 min	40/kit
SM2-D206H1	Sulfamethazine Residue Rapid Test Device	Honey	10 ppb	15 min	40/kit
SMZ-D206H1	Sulfamethoxazole Residue Rapid Test Device	Honey	10 ppb	15 min	40/kit
ST-D206H1	Sulfathiazole Residue Rapid Test Device	Honey	10 ppb	15 min	0/kit
SG-D206H1	Sulfaguanidine Residue Rapid Test Device	Honey	10 ppb	15 min	40/kit
PEN- D206H1	Penicilin Residue Rapid Test Device	Honey	4 ppb	5-10 min	40/kit
STR-D206H2	Streptomycin Residue Rapid Test Device	Honey	5 ppb	35 min	40/kit
STR-D206H1	Streptomycin Residue Rapid Test Device	Honey	10 ppb	35 min	40/kit
STR-X206H1	Streptomycin Residue Rapid Test Device	Honey	5 ppb	5-8 min	40/kit
KAN- D206H1	Kanamycin Residue Rapid Test Device	Honey	10ppb	10 min	40/kit
TYL- D206H1	Tylosin Residue Rapid Test Device	Honey	50ppb	20-30 min	40/kit
LIN- D206H1	Lincomycin Residue Rapid Test Device	Honey	150ppb	20-30 min	0/kit
ERY- D206H1	Erythromycin Residue Rapid Test Device	Honey	40ppb	20-30 min	40/kit
NEO- D206H1	Neomycin Residue Rapid Test Device	Honey	500ppb	20-30 min	40/kit
MET- D206H1	Arlin Residue Rapid Test Device	Honey	5ppb	20-30 min	40/kit

* please note : we are able to provide different sensitivities to meet your requirements *



Veterinary residue rapid test for feed

Application:

1. Mass screening
2. Feed field test by commercial bureau
3. Feed supervising by state export and import inspection and quarantine bureau
4. Quality control (both finished and raw) by feed producers and livestock breeding farms

Benefits:

1. Only 3-5 min for results
2. Sensitivities respond to EU Norms
3. Single test for every target sample
4. Eyes Interpretation or quantitative measurement, suitable for lab and field analysis
5. Lowest set-up costs as no professionals and no equipment required (or simple one)

Veterinary Residue Rapid Test Device for Feed

MRL from some main countries and areas:

* MRL data from US: FDA

Product Name	CHN MRL	EU MRL	US MRL
Chloramphenicol	Forbidden	Forbidden	Forbidden
Clenbuterol	Forbidden	Forbidden	Forbidden
Aflatoxin B1		5-20 ppb	100-300 ppb

NKBIO Rapid Test Kits Availability:

Product Item	Product Name	Target Sample	Sensitivity (ppb)	Total Assay Time (including preparations)	Standard packing
CAP-D205F2	Chloramphenicol Residue Rapid Test Device	Feed	0.3 ppb	30 min	40/kit
CLEN-D205F1	Clenbuterol Residue Rapid Test Device	Feed	5 ppb	20 min	40/kit
AFLB1-D205F1	Aflatoxin B1 Residue Rapid Test Device	Feed	5 ppb	10 min	40/kit
SAs-D205F1	Sulfonamides Residue Rapid Test Device	Feed	50 ppb	20 min	40/kit
NIT-D205F1	Nitrofurans Residue Rapid Test Device	Feed	0.5 ppb	20 min	40/kit
MEL-D205F1	Melamine Residue Rapid Test Device	Feed	50 ppb	20 min	40/kit
MEL-D205F2	Melamine Residue Rapid Test Device	Feed	100 ppb	20 min	40/kit

* please note : we are able to provide different sensitivities to meet your requirements *



Veterinary residue rapid test for eggs

Application:

1. Mass screening
2. Eggs field test by commercial bureau
3. Eggs supervising by state export and import inspection and quarantine bureau
4. Quality control (both finished and raw) by eggs manufacturers and livestock breeding farms

Benefits:

1. Only 3-5 min for results
2. Sensitivities respond to EU Norms
3. Single test for every target sample
4. Eyes Interpretation or quantitative measurement, suitable for lab and field analysis
5. Lowest set-up costs as no professionals and no equipment required (or simple one)

Veterinary Residue Rapid Test Device for Eggs

MRL from some main countries and areas:

* MRL data from China: Ministry of Agriculture No. 235 * MRL data from EU: EU NO.508/99/EEC, NO.2377/90EEC * MRL data from Japan: JP Positive List System

Product Name	CHN MRL	EU MRL
Tetracyclines	OTC / CTC /TC (single/total)200 ppb	OTC / CTC /TC (single/total)200 ppb
Fluoroquinolones	ENR Forbidden , Ossian 50 ppb	Ossian Forbidden
Chloramphenicol	Forbidden	Forbidden
Sulfonamides	100 ppb	100 ppb
Nitrofurans	Forbidden	Forbidden
Erythromycin	150 ppb	200 ppb
Lincomycin	50 ppb	50 ppb
Neomycin	500 ppb	500 ppb
Tylosin	200 ppb	Forbidden
Arilin	Forbidden	Forbidden

NKBIO Rapid Test Kits Availability:

Product Item	Product Name	Target Sample	Sensitivity (ppb)	Total Assay Time (including preparations)	Standard packing
TCs-D209E1	Tetracyclines Residue Rapid Test Device	Eggs	100 ppb	20 min	40/kit
FQNs-D209E1	Fluoroquinolones Residue Rapid Test Device	Eggs	10 ppb	30 min	40/kit
SAs-D209E1	Sulfonamides Residue Rapid Test Device	Eggs	50 ppb	15 min	40/kit
SD-D209E1	Sulfadiazine Residue Rapid Test Device	Eggs	50 ppb	15 min	40/kit
SM2-D209E1	Sulfamethoxine Residue Rapid Test Device	Eggs	50 ppb	15 min	40/kit
SMZ-D209E1	Sulfamethoxine Residue Rapid Test Device	Eggs	50 ppb	15 min	40/kit
ST-D209E1	Sulfathiazole Residue Rapid Test Device	Eggs	50 ppb	15 min	40/kit
AHD-D209E1	Furacilin Metabolite Residue Rapid Test Device	Eggs	0.5 ppb	120 min	40/kit
SEM-D209E1	Furadantin Metabolite Residue Rapid Test Device	Eggs	0.5 ppb	120 min	40/kit
AMOZ-D209E1	Furaltadone Metabolite Residue Rapid Test Device	Eggs	0.5 ppb	120 min	40/kit
AOZ-D209E1	Furazolidone Metabolite Residue Rapid Test Device	Eggs	0.5 ppb	120 min	40/kit
ERY-D209E1	Erythromycin Residue Rapid Test Device	Eggs	150 ppb	30 min	40/kit
LIN-D209E1	Lincomycin Residue Rapid Test Device	Eggs	50 ppb	30 min	40/kit
NEO-D209E1	Neomycin Residue Rapid Test Device	Eggs	500 ppb	30 min	40/kit
TYL-D209E1	Tylosin Residue Rapid Test Device	Eggs	200 ppb	30 min	40/kit
MET-D209E1	Arlin Residue Rapid Test Device	Eggs	1 ppb	35 min	40/kit

* please note : we are able to provide different sensitivities to meet your requirements *



Contaminants rapid test for grain and oil products

Application:

1. Mass screening
2. Grain and oil field test by commercial bureau
3. Grain and oil supervising by state export and import inspection and quarantine bureau
4. Quality control (both finished and raw) by grain and oil processors and farms

Benefits:

1. Only 3-5 min for results
2. Sensitivities respond to EU Norms
3. Single test for every target sample
4. Eyes Interpretation or quantitative measurement, suitable for lab and field analysis
5. Lowest set-up costs as no professionals and no equipment required(or simple one)

Harmful Residue Rapid Test Device for Grain & Oil

MRL from some main countries and areas:

* MRL data from China: GB 2763-2005 * MRL data from EU: EU NO.149/2008/EEC * MRL data from Japan: JP Positive List System

Product Name	CHN MRL	EU MRL	JP MRL
Aflatoxin B1	arachis oil 20 ppb, other plant oil 10 ppb, refined plant oil 5 ppb	Buck wheat 2-4 ppb	Aflatoxins 1100 ppb
Zearalenone	Wheat, corn 60 ppb		
Organophosphorus	50-100 ppb	10-50 ppb	10-200 ppb
Pyrethroids	20-200 ppb	20-50 ppb	20-1000 ppb
Arilin	Forbidden	Forbidden	

NKBIO Rapid Test Kits Availability:

Product Item	Product Name	Target Sample	Sensitivity (ppb)	Total Assay Time (including preparations)	Standard packing
AFLB1-D21001	Aflatoxin B1 Rapid Test Device	Grain, oil	5 ppb	5 min	40/kit
ZEA-D21001	Zearalenone Rapid Test Device	Grain, oil	60 ppb	5 min	40/kit
OPs-D21001	Organophosphorus Rapid Test Device	Grain, oil	200 ppb	5 min	40/kit
PYRs-D21001	Pyrethroids Rapid Test Device	Grain, oil	200 ppb	5 min	40/kit
MET-D21001	Arilin Rapid Test Device	Grain, oil	1 ppb	10 min	40/kit
	Ochratoxin Rapid Test Device	Provide test as required			
	Deoxynivalenol Rapid Test Device	Provide test as required			
	Fumonisin Rapid Test Device	Provide test as required			

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