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NIBT 北京北方生物技术研究所有限公司
BEIJING NORTH INSTITUTE OF BIOLOGICAL TECHNOLOGY

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OF BIOLOGICAL TECHNOLOGY



Product Catalog ▶

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COMPANY PROFILE

Beijing North Institute of Biological Technology(BNIBT) was established on July 1,1985,which has engaged in researching, producing and selling of in vitro diagnose kits. It's one of the biggest and earliest institutes of the field in China.

BNIBT has the ability to produce more than 200 products including RIA, EIA, TRFIA and CLIA now. There are about 2000 hospitals and companys in China using its kits, which has a 10% market share and some of which are exported to foreign countries. The EIA,TRFIA,CLIA kits are growing in market.

BNIBT has a great laboratory building that accords with GMP standards. It can produce more 200,000 kits per year.

It has a group of professional and expert teams, 70% of which graduated in medicine, biology, biochemistry, radiochemistry, organic chemistry and genetic engineering from universities. They have researched and developed in vitro diagnose kits for many years.

BNIBT makes progress for developing the key biological materials. The institute has set up its immunological laboratory and molecular biology laboratory. BNIBT has developed 16 monoclonal antibodies and more than 50 polyclonal antibodies.

CLIA Thyroid function

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Months)
T3(Quantitative)	96T	CLIA-Competitive method- One step	Serum 50 μl	37 °C/ 1hr	12
T4(Quantitative)	96T	CLIA-Competitive method- One step	Serum 50 μl	37 °C/ 1hr	12
FT3(Quantitative)	96T	CLIA-Competitive method- One step	Serum 50 μl	37 °C/ 1hr	12
FT4(Quantitative)	96T	CLIA-Competitive method- One step	Serum 50 μl	37 °C/ 1hr	12
TSH(Quantitative)	96T	CLIA-Sandwich method- One step	Serum 50 μl	37 °C/ 1hr	12

CLIA Hormones

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Months)
hCG (Quantitative)	96T	CLIA-Sandwich method- One step	Serum 20 μl	37 °C/ 1hr	12
FSH (Quantitative)	96T	CLIA-Sandwich method- One step	Serum 20 μl	37 °C/ 1hr	12
LH (Quantitative)	96T	CLIA-Sandwich method- One step	Serum 20 μl	37 °C/ 1hr	12
E2 (Quantitative)	96T	CLIA-Competitive method- One step	Serum 25 μl	37 °C/ 1hr	12
PRL (Quantitative)	96T	CLIA-Sandwich method- One step	Serum 20 μl	37 °C/ 1hr	12
P (Quantitative)	96T	CLIA-Competitive method- One step	Serum 25 μl	37 °C/ 1hr	12
T (Quantitative)	96T	CLIA-Competitive method- One step	Serum 25 μl	37 °C/ 1hr	12

CLIA Tumor markers

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Months)
CEA (Quantitative)	96T	CLIA-Sandwich method- One step	Serum 20 μl	37 °C/ 1hr	12
Ferr (Quantitative)	96T	CLIA-Sandwich method- One step	Serum 20 μl	37 °C/ 1hr	12
AFP (Quantitative)	96T	CLIA-Sandwich method- One step	Serum 20 μl	37 °C/ 1hr	12
PSA (Quantitative)	96T	CLIA-Sandwich method- One step	Serum 20 μl	37 °C/ 1hr	12
CA125 (Quantitative)	96T	CLIA-Sandwich method- One step	Serum 20 μl	37 °C/ 1hr	12
CA50 (Quantitative)	96T	CLIA-Sandwich method- One step	Serum 20 μl	37 °C/ 1hr	12
CA15-3 (Quantitative)	96T	CLIA-Sandwich method- Two step	Serum 20 μl	37 °C/ 1.5hrs	12
CA19-9 (Quantitative)	96T	CLIA-Sandwich method- One step	Serum 20 μl	37 °C/ 1hr	12
β 2-MG (Quantitative)	96T	CLIA-Competitive method- One step	Serum 20 μl	37 °C/ 1hr	12

CLIA Hepatic fibrosis

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Months)
LN (Quantitative)	96T	CLIA-Sandwich method- One step	Serum 50 μl	37 °C/ 1hr	12
CIV (Quantitative)	96T	CLIA-Sandwich method- One step	Serum 50 μl	37 °C/ 1hr	12
HA (Quantitative)	96T	CLIA-Competitive method- One step	Serum 50 μl	37 °C/ 1hr	12
PIIINP (Quantitative)	96T	CLIA-Sandwich method- One step	Serum 50 μl	37 °C/ 1hr	12

CLIA Carbon metabolism

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Months)
INS (Quantitative)	96T	CLIA-Sandwich method- One step	Serum 20 μl	37 °C/ 1hr	12
C-P (Quantitative)	96T	CLIA-Sandwich method- One step	Serum 20 μl	37 °C/ 1hr	12

CLIA Hepatitis

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Months)
HBsAg (Qualitative)	96T	CLIA-Sandwich method- One step	Serum 50 μl	37 °C/ 1hr	12
HBsAb (Qualitative)	96T	CLIA-Sandwich method- One step	Serum 50 μl	37 °C/ 1hr	12
HBcAb (Qualitative)	96T	CLIA-Sandwich method- One step	Serum 50 μl	37 °C/ 1hr	12
HBeAg (Qualitative)	96T	CLIA-Sandwich method- One step	Serum 50 μl	37 °C/ 1hr	12
HBeAb (Qualitative)	96T	CLIA-Neutralization inhibition-One step	Serum 50 μl	37 °C/ 1hr	12
Anti-HCV (Qualitative)	96T	CLIA-Sandwich method- Two steps	Serum 50 μl	37 °C/ 1hr	12

ELISA Hepatitis

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Months)
HBsAg (Qualitative)	96T	ELISA-Sandwich method-Two steps	Serum or Plasma 100 μl	37 °C/ 1.5hrs	12
HBsAb (Qualitative)	96T	ELISA-Sandwich method-One step	Serum or Plasma 50 μl	37 °C/ 0.5hr	12
HBeAg (Qualitative)	96T	ELISA-Sandwich method-One step	Serum or Plasma 50 μl	37 °C/ 0.5hr	12
HBeAb (Qualitative)	96T	ELISA-Competitive method-One step	Serum or Plasma 50 μl	37 °C/ 0.5hr	12
HBcAb (Qualitative)	96T	ELISA-Competitive method-One step	Serum or Plasma 50 μl	37 °C/ 0.5hr	12

ELISA Hormones

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Months)
β-hCG (Quantitative)	96T	ELISA-Sandwich method-Two steps	Serum or Urine 50 μl	37 °C/ 1.5hrs	12
LH (Quantitative)	96T	ELISA-Sandwich method-One step	Serum 50 μl	37 °C/ 1hr	12
FSH (Quantitative)	96T	ELISA-Sandwich method-One step	Serum 50 μl	37 °C/ 1hr	12
PRL (Quantitative)	96T	ELISA-Sandwich method-One step	Serum 50 μl	37 °C/ 1hr	12
T (Quantitative)	96T	ELISA-Competitive method-One step	Serum 50 μl	37 °C/ 1hr	12
P (Quantitative)	96T	ELISA-Competitive method-One step	Serum 50 μl	37 °C/ 1hr	12
E2 (Quantitative)	96T	ELISA-Competitive method-One step	Serum 50 μl	37 °C/ 1hr	12

ELISA Thyroid function

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Months)
FT3(Quantitative)	96T	ELISA-Competitive method-Two steps	Serum 50 μl	37 °C/ 1.5hrs	12
FT4(Quantitative)	96T	ELISA-Competitive method-Two steps	Serum 50 μl	37 °C/ 1.5hrs	12
T3(Quantitative)	96T	ELISA-Competitive method-Two steps	Serum 50 μl	37 °C/ 1.5hrs	12
T4(Quantitative)	96T	ELISA-Competitive method-Two steps	Serum 50 μl	37 °C/ 1.5hrs	12
TSH(Quantitative)	96T	ELISA-Sandwich method-One step	Serum100 μl	37 °C/ 2hrs	12

ELISA Tumor markers

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Months)
AFP (Quantitative)	96T	ELISA-Sandwich method-One step	Serum 50 μl	37 °C/ 0.5hr	12
CEA (Quantitative)	96T	ELISA-Sandwich method-One step	Serum 50 μl	37 °C/ 0.5hr	12
Ferr (Quantitative)	96T	ELISA-Sandwich method-One step	Serum 50 μl	37 °C/ 1hr	12
PSA (Quantitative)	96T	ELISA-Sandwich method-One step	Serum 100 μl	37 °C/ 1hr	12
CA50 (Quantitative)	96T	ELISA-Sandwich method-One step	Serum 20 μl	37 °C/ 1hr	12
CA125 (Quantitative)	96T	ELISA-Sandwich method-One step	Serum50 μl	37 °C/ 1hr	12
CA15-3 (Quantitative)	96T	ELISA-Sandwich method-Two steps	Serum 10 μl	37 °C/ 2hrs	12
CA19-9 (Quantitative)	96T	ELISA-Sandwich method-One step	Serum 50 μl	37 °C/ 1hr	12

ELISA Carbon metabolism

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Months)
INS-Ab (Qualitative)	96T	ELISA-Indirect method-Two steps	Serum 10 μl	37 °C/ 1.5hrs	12

RIA Thyroid function

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Weeks)
T3 (Quantitative)	400T	Precipitation reagent	Serum or Plasma 50 μl	37 °C/ 1 hr	6
T3 (Quantitative)	100T	Coated tubes	Serum 50 μl	37 °C/ 1 hrs	6
T3 (Quantitative)	400T	Coated tubes	Serum 50 μl	37 °C/ 1 hrs	6
T4 (Quantitative)	400T	Precipitation reagent	Serum or Plasma 50 μl	37 °C/ 45min	6
T4 (Quantitative)	100T	Coated tubes	Serum 20 μl	37 °C/ 1 hrs	6
T4 (Quantitative)	400T	Coated tubes	Serum 20 μl	37 °C/ 1 hrs	6
TSH (Quantitative)	100T	Coated tubes	Serum 200 μl	37 °C/ 2.5 hrs	6
TSH (Quantitative)	400T	Coated tubes	Serum 200 μl	37 °C/ 2.5 hrs	6
Neonatal TSH (Quantitative)	100T	Blood spot	Blood spot	RT / 16-24 hrs	6
FT3 (Quantitative)	100T	Precipitation reagent	Serum or Plasma 50 μl	37 °C/ 1 hrs	6
FT3 (Quantitative)	100T	Coated tubes	Serum 50 μl	37 °C/ 1 hrs	6
FT3 (Quantitative)	400T	Coated tubes	Serum 50 μl	37 °C/ 1 hrs	6
FT4 (Quantitative)	100T	Precipitation reagent	Serum or Plasma 50 μl	37 °C/ 1 hr	6
FT4 (Quantitative)	100T	Coated tubes	Serum 20 μl	37 °C/ 1 hrs	6
FT4 (Quantitative)	400T	Coated tubes	Serum 20 μl	37 °C/ 1 hrs	6
TG (Quantitative)	100T	Precipitation reagent	Serum 100 μl	37 °C/ 1 hr	6
TG-Ab (Qualitative)	100T	Precipitation reagent	Serum 20 μl	37 °C/ 1 hr	6
TM-Ab (Qualitative)	100T	Precipitation reagent	Serum 20 μl	37 °C/ 1 hr	6
TPO-Ab (Quantitative)	100T	Precipitation reagent	Serum 100 μl	4 °C/ 3 hrs	6
rT3(Quantitative)	100T	Coated tubes	Serum 100 μl	RT /1hrs	6

RIA Tumor markers

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Weeks)
PSA (Quantitative)	100T	Coated tubes	Serum 100 μl	37 °C/ 2 hr	6
AFP (Quantitative)	100T	Precipitation reagent	Serum or Plasma 100 μl	37 °C/ 2 hr	6
CEA (Quantitative)	100T	Precipitation reagent	Serum or Plasma 100 μl	37 °C/ 2 hrs; 4 °C/ 20 hrs	6
CA125 (Quantitative)	100T	Coated tubes	Serum 100 μl	RT / 18–24 hrs	6
CA-199(Quantitative)	100T	Coated tubes	Serum or Plasma 50 μl	RT Shaking /4hrs	6
CA-153(Quantitative)	100T	Coated tubes	Serum or Plasma 50 μl	RT Over Night	6
CA-242(Quantitative)	100T	Coated tubes	Serum or Plasma 50 μl	RT Shaking /5hrs	6
CA50(Quantitative)	100T	Coated beads	Serum 50 μl	RT Shaking /4hrs	6
CA72-4(Quantitative)	100T	Coated tubes	Serum 100 μl	RT Shaking /4hrs+ 2-8 °C/18-24 hrs	6
Fer(Quantitative)	100T	Precipitation reagent	Serum 100 μl	37°C /1hrs	6
F-PSA (Quantitative)	100T	Coated tubes	Serum 100 μl	37°C /2hrs	6
NSE(Quantitative)	100T	Coated tubes	Serum 200 μl	37 °C /4hrs	6
CG(Quantitative)	100T	Coated tubes	Serum 50 μl	37°C /1hrs	6

RIA Cardiovascular & Salt balance

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Weeks)
ACTH (Quantitative)	100T	Precipitation reagent	Serum 100 μl	4 °C/ 18–24 hrs	6
Cor (Quantitative)	100T	Coated tubes	Serum 20 μl	37 °C/ 1 hrs	6
Cor (Quantitative)	100T	Precipitation reagent	Serum or Plasma 50 μl	37 °C/ 45min	6
AI (Quantitative)	100T	Coated tubes	Plasma 100 μl	16–24hrs	6
AII (Quantitative)	100T	Coated tubes	Plasma 200 μl	16–24hrs	6
ALD(Quantitative)	100T	Coated tubes	Plasma 100 μl	RT /16–24hrs	6
ET(Quantitative)	100T	Precipitation reagent	Plasma 100 μl	2–8 °C/18–24 hrs	6
ANP (Quantitative)	100T	Precipitation reagent	Plasma 100 μl	4 °C /16–24hrs	6
β2-Microglobulin (Quantitative)	100T	Precipitation reagent	Serum 50 μl	RT Shaking /2 hrs	6
a1-MG(Quantitative)	100T	Precipitation reagent	Serum 50 μl	37 °C /1hrs	6
Alb(Quantitative)	100T	Precipitation reagent	Urine 50 μl	37 °C /1hrs	6
THP (Quantitative)	100T	Precipitation reagent	Serum 100 μl	37 °C /1hrs	6

RIA Carbon metabolism

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Weeks)
GAD(Quantitative)	100T	Coated Beads	Serum 20 μl	37°C /2hrs+RT/16-24hr	6
Glu(Quantitative)	100T	Precipitation reagent	Plasma 200 μl	2-8 °C/24-28 hrs	6
INS-Ab (Qualitive)	100T	Precipitation reagent	Serum 100 μl	37°C /2hrs	6
Insulin(Quantitative)	100T	Coated tubes	Serum or Plasma 100 μl	RT Shaking /2hrs	6
C-Peptide(Quantitative)	100T	Coated tubes	Serum or urine 200 μl	RT Shaking /2hrs	6

RIA Correlative liver disease

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Weeks)
Anti-HAV (Qualitative)	100T	Coated Bead	Serum or Plasma 10 μl	RT Shaking /2hrs	6
Anti-HAV.IgM (Qualitative)	50T	Coated Bead	Serum or Plasma 10 μl	45°C / 5hrs	6
HBsAg (Qualitative)	100T	Coated Bead /Tube	Serum or Plasma 200 μl	RT Shaking /3hrs	6
Anti-HBs(Quantitative)	100T	Coated Bead /Tube	Serum or Plasma 50 μl	RT Shaking /1.5hrs	6
Anti-HBc (Qualitative)	100T	Coated Bead /Tube	Serum or Plasma 100 μl	RT Shaking /1hrs	6
Anti-HCV (Qualitative)	100T	Coated Bead /Tube	Serum or Plasma 50 μl	RT Shaking /2hrs	6
HBeAg/Anti-HBe (Qualitative)	100T	Coated Bead /Tube	Serum or Plasma 200/100 μl	RT Shaking /3hr	6
Anti-HBc.IgM (Qualitative)	50T	Coated Bead	Serum or Plasma 10 μl	45°C / 3hrs	6
HBeAb(Quantitative)	100T	Coated tubes	Serum or Plasma 100 μl	RT /4hrs	6
PIIINP(Quantitative)	100T	Precipitation reagent	Serum 100 μl	37°C /1.5hrs	6
Collagen type IV(Quantitative)	100T	Precipitation reagent	Serum 200 μl	2-8 °C/16-24 hrs	6
LN(Quantitative)	100T	Precipitation reagent	Serum 100 μl	4 °C /18-24hrs	6
HA(Quantitative)	100T	Precipitation reagent	Serum 50 μl	37°C /2hrs	6

RIA Bone metabolism

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Weeks)
PTH (Quantitative)	100T	Coated tubes (One step)	Serum 100 μl	4 °C/16-24 hrs	6
CT (Quantitative)	100T	Coated tubes	Serum 200 μl	4 °C/ 3-5 hrs; 4 °C/ 17-22 hrs	6
PTH-M (Quantitative)	100T	Precipitation reagent	Serum 100 μl	4 °C/16-24 hrs	6
CT (Quantitative)	100T	Precipitation reagent	Serum 200 μl	4 °C/ 3-5 hrs; 4 °C/ 17-22 hrs	6
BGP(Quantitative)	100T	Precipitation reagent	Serum 100 μl	2-8 °C/18-24 hrs	6

RIA Hormones

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Weeks)
LH (Quantitative)	100T	Precipitation reagent	Serum 200 μl	4 °C /16-24 hrs	6
LH (Quantitative)	50T	Coated tubes	Serum 100 μl	37 °C/ 3 hrs	6
PRL (Quantitative)	100T	Precipitation reagent	Serum 100 μl	4 °C /16-24 hrs	6
PRL (Quantitative)	100T	Coated tubes	Serum 50 μl	37 °C/4 hrs	6
P (Quantitative)	100T	Precipitation reagent	Serum 100 μl	37 °C/ 1 hr	6
P (Quantitative)	100T	Coated tubes	Serum 50 μl	37 °C/ 1 hr	6
T (Quantitative)	100T	Precipitation reagent	Serum 50 μl	37 °C/ 1 hr	6
T (Quantitative)	50T	Coated tubes	Serum 20 μl	37 °C/ 1 hr	6
E2 (Quantitative)	100T	Precipitation reagent	Serum 100 μl	37 °C/ 1 hr	6
E2 (Quantitative)	100T	Coated tubes	Serum 100 μl	37 °C/ 1 hr	6
β-HCG (Quantitative)	100T	Precipitation reagent	Serum or urine 100 μl	RT/ 16-24 hrs	6
FSH (Quantitative)	100T	Coated tubes	Serum 100 μl	37 °C/ 2 hrs	6
HCG(Quantitative)	100T	Precipitation reagent	Serum 100 μl	37 °C /2hrs	6
E3(Quantitative)	100T	Precipitation reagent	Serum 50 μl	37°C /1hrs	6
SCC(Quantitative)	100T	Coated tubes	Serum or Plasma 100 μl	RT Shaking /2hrs	6
hGH(Quantitative)	100T	Coated tubes	Serum or Plasma 100 μl	RT Shaking /3hrs	6

RIA Gastrointestinal metabolism

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Weeks)
Gas(Quantitative)	100T	Precipitation reagent	Serum100 μ l	4 °C /22-26hrs	6

RIA Others

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Weeks)
DNA-Ab (Qualitive)	100T	Precipitation reagent	Serum 20 μ l	37°C /2hrs	6
DIG(Quantitative)	100T	Precipitation reagent	Serum 50 μ l	37°C /1hrs	6
NSE(Quantitative)	100T	Coated tubes	Serum 200 μ l	37 °C /4hrs	6

TRFIA Thyroid function

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Weeks)
TSH(Quantitative)	96T	TRF-Sandwich method- One step	Serum100 μ l	RT oscillation/1.5hrs	12

TRFIA Correlative disease of liver

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Weeks)
LN (Quantitative)	96T	TRF-Sandwich method- One step	Serum 50 μ l	RT oscillation/2hrs	12
CIV (Quantitative)	96T	TRF-Sandwich method- One step	Serum 50 μ l	RT oscillation/2hrs	12
HA (Quantitative)	96T	TRF-Competitive method-One step	Serum 50 μ l	RT oscillation/2hrs	12
PIIINP (Quantitative)	96T	TRF-Sandwich method- One step	Serum 50 μ l	RT oscillation/2hrs	12

TRFIA Carbon metabolism

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Weeks)
INS (Quantitative)	96T	TRF-Sandwich method-One step	Serum 50 μl	RT oscillation/2hrs	12
C-P (Quantitative)	96T	TRF-Sandwich method-One step	Serum 50 μl	RT oscillation/2hrs	12

CGIA. Infectious disease

Name	Spec.	Method	Sample	Incubation Temp./Time	shelf-life (Weeks)
Anti-HCV (Qualitative)	50T	CGIA-Sandwich method	Serum60 μl	RT Within 15min	18
Pre-S1Ag (Qualitative)	Strip-50T	CGIA-Sandwich method	Serum60 μl	RT Within 15min	18
Pre-S1Ag (Qualitative)	Card-50T	CGIA-Sandwich method	Serum60 μl	RT Within 15min	18
CA16-IgM (Qualitative)	Strip-50T	CGIA-Capture method	Serum60 μl	RT Within 15min	18
CA16-IgM (Qualitative)	Card-50T	CGIA-Capture method	Serum60 μl	RT Within 15min	18
Mp-IgM (Qualitative)	Strip-50T	CGIA-Capture method	Serum30 μl	RT Within 15min	18
Mp-IgM (Qualitative)	Card-50T	CGIA-Capture method	Serum30 μl	RT Within 15min	18
EB-VCA-IgA (Qualitative)	Strip-50T	CGIA-Indirect method	Serum60 μl	RT Within 15min	18
EB-VCA-IgA (Qualitative)	Card-50T	CGIA-Indirect method	Serum60 μl	RT Within 15min	18

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