



Genekam PCR Chemicals Kit

① **Genekam DNA Isolation Kit** can be used to isolate the DNA from blood samples, blood stained cloths, blood stained wood, seminal fluid, sperms as well as also buccal swab for human, animals and birds.

② **Genekam PCR Master Mix:** There are many developing new assays for real time as well as conventional PCR. Our master mix is well tested for different micro organism of human, animal and fish.

① DNA Isolation Kit

**ISOLATION COST
LESS THAN 8 CENT**

➤ ADVANTAGES

- ▶ Usually many kits on the market fail to do the isolation of DNA from blood (without removing the red blood cells). In our case you can isolate the DNA **directly** from blood. Similarly many kits fail with sperms.
- ▶ This kit is made on the method, which is used for **last 3 years** in our laboratory to isolate the DNA from blood samples of birds, dogs and humans.
- ▶ We found that our kit is **100 times more sensitive** than kit of most of expensive and most used manufacturer in the world (this is done with house keeping gene for human as well as birds). This is the result of our internal studies.
- ▶ It is **simple** to use.
- ▶ You do **not need any expensive** instruments.
- ▶ There is **no waste** or toxic waste like Phenol and Chloroform method.
- ▶ **Save your money** for plastic ware needed to use the most expensive kits on the market.
- ▶ All components can be kept at **room temperature**.
- ▶ Self life is **minimum 2 years**.
- ▶ In case you want to isolate the DNA from 50-100 probes, you will **finish within 2 hours**, where many other manufacturers want to sell you expensive isolation machines for such number of probes.
- ▶ This can be used to make the **genetic tests** from blood or tissue.
- ▶ This kit functions well on the blood spots **taken on filter paper** or normal paper. Hence the laboratory can request their clients to send 3-4 drops on filter paper in a simple envelope for detection of mutations like genetic disorders. In this way, one can send 20-100 probes in a simple envelope throughout the world. Precaution: the blood probes on filter paper can inactivated with 70% ethanol so that there should be no risk for anybody i.e. inactivation of infectious agents. From these inactivated filter papers, one can make PCR diagnosis as this is no problem. In this way the probes can be **sent from any part of the world**. We are offering such collection kits under the name of Genekam DNA collection kit for blood.

➤ DISADVANTAGES

- ▶ Isolated DNA with our kit can be stored for 2-3 months at -20 degree. In case, one needs to store the DNA for long period, one should store the **original sample** or one should use other expensive kits. Still there are a lot of applications which can be done with our kit.
- ▶ If you have a very small amount of probe and you want to isolate the DNA from this probe, we do not recommend to use our kit. Our kit is good for the probes, where you have **sufficient volume** of material.
- ▶ One should try to use our DNA isolation kit with other probes like buccal swabs, tissue, bacterial colonies as this should also function. Many bacteriological laboratories are using dirty DNA method like boiling of samples in order to save the costs. Kindly try our kit as **cost per isolation is 0.10 cent** per isolation and DNA is sufficient pure to be used in PCR.
- ▶ Those who want to have experience with our kit, kindly **try the smallest kit** for your use.
- ▶ All prices are **netto prices**.

DNA ISOLATION KIT

▶ SB 071	250 isolations	Euro 99,-	(isolation cost is 40 cent)
▶ SB 072	1.000 isolations	Euro 250,-	(isolation cost is 25 cent)
▶ SB 073	5.000 isolations	Euro 799,-	(isolation cost is 16 cent)
▶ SB 074	10.000 isolations	Euro 999,-	(isolation cost is 10 cent)
▶ SB 075	30.000 isolations	Euro 2.500,-	(isolation cost is 8 cent)

② PCR Master Mix

There are many developing new assays for real time as well as conventional PCR. Our master mix is well tested for different micro organism of human, animal and fish. Moreover our products are with highly competitive prices.

PCR MASTER MIX

▶ SB 011	Genekam PCR Mastermix solution (2x) 1ml	Euro 25,-
▶ SB 012	Genekam PCR Mastermix solution (2x) 10ml	Euro 175,-
▶ SB 021	One Step RT-Master Mix, 200 reactions	Euro 700,-
▶ SB 031	RT Kit (cDNA synthesis kit), 200 reactions	Euro 700,-
▶ SB 052	Genekam TAE Buffer (50x), 10 Liter	Euro 100,-
▶ SB 041	Loading dye, 1ml	Euro 12,-
▶ SB 042	Loading dye, 1ml x 10 tubes (10ml)	Euro 90,-

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