



# PORCINE DETECTION

## REAGENTS

Porcine detection refers to the ability of a system or technology to detect the presence of pigs or pig-related substances, such as pork meat or DNA, in a given sample or environment.

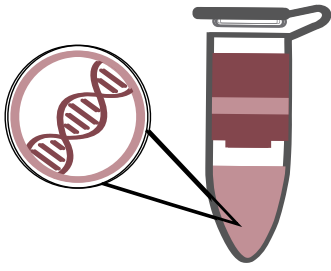
## APPLICATION OF PORCINE DETECTION



**Food Industry:** Porcine detection can be used to detect the presence of pork in food products, especially in those that are labeled as halal or kosher.

**Medical Research:** Porcine detection can be used to detect the presence of pig DNA in medical research samples, which is important for ensuring that the research is conducted on the correct animal species.

**Cosmetics & toiletries:** Porcine detection can be important in the cosmetics and toiletries industry to ensure that products are free from porcine-derived ingredients.



# DNA EXTRACTION KIT

A DNA extraction kit is a collection of reagents and tools that are used to isolate DNA from a sample of cells or tissue.

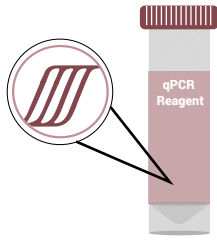
The kit typically contains chemicals that help to break open cells and release the DNA, as well as other substances that can bind to and purify the DNA from other cellular components.

There are several different types of DNA extraction kits available, each with their own specific protocols and reagents.



DNA EXTRACTION KIT		
Cat. Num	Brand	Description
D4068	Zymo Research	Quick-DNA Miniprep Plus Kit (50 Preps)
D4069	Zymo Research	Quick-DNA Miniprep Plus Kit (200 Preps)
740.945.50	Macherey-Nagel	NucleoSpin Food (50 Preps)
740.945.250	Macherey-Nagel	NucleoSpin Food (250 Preps)
GS100	Geneaid	gSYNCTM DNA Extraction Kit (100 Preps)
GS300	Geneaid	gSYNCTM DNA Extraction Kit (300 Preps)
FGD100	Geneaid	Food DNA Extraction Kit (100 Preps)
FGD300	Geneaid	Food DNA Extraction Kit (300 Preps)
K0721	Thermo Scientific	GeneJET Genomic DNA Purification Kit (50preps)
K0722	Thermo Scientific	GeneJET Genomic DNA Purification Kit (250 preps)





# qPCR REAGENTS

qPCR (quantitative polymerase chain reaction) reagents are a set of chemicals used to perform qPCR, a widely used technique in molecular biology that allows quantification of a specific DNA or RNA sequence in a sample.



The qPCR reagents available in several different types, each with their own specific protocols and reagents.



Choose our qPCR reagent for your molecular biology research and experience the highest levels of accuracy, sensitivity, and reproducibility.

qPCR Reagents		
Cat. Num	Brand	Description
QPS-101T	Toyobo	THUNDERBIRD™ Probe qPCR Master Mix (40 rxns)
QPS-101	Toyobo	THUNDERBIRD™ Probe qPCR Master Mix (200 rxns)
BIO-82005	Bioline	SensiFAST™ Probe Hi-ROX Kit (500 rxns)
BIO-82020	Bioline	SensiFAST™ Probe Hi-ROX Kit (2000 rxns)
BIO-84020	Bioline	SensiFAST™ Probe Hi-ROX Kit (2000 rxns)
BIO-84006	Bioline	SensiFAST™ Probe Lo-ROX Kit (500 rxns)
BIO-86020	Bioline	SensiFAST™ Probe No-ROX Kit (500 rxns)
BIO-86006	Bioline	SensiFAST™ Probe No-ROX Kit (2000 rxns)



# PRIMER & PROBE

Primer is a short single-stranded DNA or RNA molecule that serves as a starting point for DNA synthesis. It is usually 18-22 nucleotides long and complementary to a specific sequence of DNA that researchers want to amplify or replicate using the polymerase chain reaction (PCR) or other nucleic acid amplification techniques.

During PCR, the primer anneals (binds) to the target DNA sequence, and the polymerase enzyme extends the primer, synthesizing a new DNA strand complementary to the template strand.



**GENETIKA SCIENCE IS OFFERING PRIMER & PROBE FROM INTEGRATED DNA TECHNOLOGIES (IDT)**

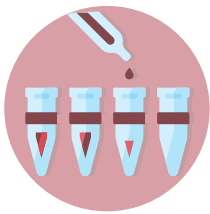
# POSITIVE CONTROL

Positive controls are an important part of scientific experimentation because they allow researchers to confirm that their methods are accurate and reliable. Without positive controls, it would be difficult to know whether the results of an experiment were due to the experimental treatment or due to some other factor, such as an error in the testing procedure.



**GENETIKA SCIENCE IS OFFERING POSITIVE CONTROL FROM INTEGRATED DNA TECHNOLOGIES (IDT) & GENSCRIPT**





# PLASTIC CONSUMABLES

One of the key advantages of plastic consumables is that they are often designed to be sterile and free of contaminants, ensuring the accuracy and reliability of experimental results. They are also lightweight, durable, and easy to use, making them ideal for laboratory applications.



## PLASTIC CONSUMABLES

Cat. Num	Brand	Description
AB1770	Thermo Scientific	Low Profile Tubes and Ultra Clear Caps, strips of 8 (250 strips)
AB1771	Thermo Scientific	Low Profile Tubes (white) and Ultra Clear Caps, strips of 8 (250 strips)
AB0800	Thermo Scientific	PCR Plate, 96-well, low profile, skirted (25 Plates)
AB1170	Thermo Scientific	Absolute qPCR Plate Seals (50 Seals)
AB2005	Thermo Scientific	EasyStrip™ Plus Tube Strip with Attached Ultra Clear Caps (250 strips)
SGA020-L-S	Bio-seen	10ul Filter Tips Steril Low Retention Clear Box (96 Tips)
SGA021-L-S	Bio-seen	200ul Filter Tips Steril Low Retention Clear Box (96 Tips)
SGA022-L-S	Bio-seen	1000ul Filter Tips Steril Low Retention Clear Box (96 Tips)
P11061	Abdos Labware	Last Drop™ Low Retention Filter Pipette Tips, 0.1 – 10 µl(Graduated)
P11063	Abdos Labware	Last Drop™ Low Retention Filter Pipette Tips, 0.1 – 10 µl Extended (Graduated)
P11065	Abdos Labware	Last Drop™ Low Retention Filter Pipette Tips, 1 – 100 µl (Bevelled Graduated)
P11069	Abdos Labware	Last Drop™ Low Retention Filter Pipette Tips, 1 – 100 µl (Bevelled Graduated)
P11073	Abdos Labware	Last Drop™ Low Retention Filter Pipette Tips, 1 – 200 µl (Bevelled Graduated)
P11077	Abdos Labware	Last Drop™ Low Retention Filter Pipette Tips, 100-1000 µ
P10202	Abdos Labware	Micro Centrifuge Tubes 1.5 ml (1000 pcs)
P10203	Abdos Labware	Micro Centrifuge Tubes 2.0 ml (500 pcs)
P10402	Abdos Labware	Centrifuge Tubes Conical Bottom, PP/HDPE, 15 ml, Sterile (500 pcs)
P10402	Abdos Labware	Centrifuge Tubes Conical Bottom, PP/HDPE, 50 ml, Sterile (500 pcs)



# Genetika Science

SCAN HERE



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