

Materials List for:

# Accurate and Phenol Free DNA Sexing of Day 30 Porcine Embryos by PCR

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## Materials

Name	Company	Catalog Number	Comments
KAPA HiFi HotStart Ready Mix PCR kit	KAPABiosystems	KR0370	other Hot Start Taq polymerase can be used after optimization
SYBR Safe DNA Gel Stain	Life Technologies	S33102	Ethidium bromide can be substituted for SYBR Safe
Pig female and male genomic DNA	Zyagen	GP-160-F1 & GP-160-M5	Positive controls from the tissues of known sex DNA can be used.
Typhoon FLA 9500 laser scanner	GE Healthcare Life Sciences	28-9969-43	other imaging system can be used
Free Soft Nitrile Examination Gloves	WWR	89038-270	any other examination glove can be used
Sodium hydroxide, solid	Fisher	BP 359 -212	Molecular Biology Grade
Eppendorff DNA LoBind Tubes, 1.5 ml, PCR clean	Eppendorff	0030 108.051	heat resistant
ThermoStat plus	Eppendorff	22670204	Use as a incubator for 95 °C , don't need to use the heater
Toothpick	Bunzl Plc	75200815	Any round wooden toothpicks can be used - quality wood
Microcentrifuge 5417R/5417C	Eppendorff	22621807	This model was discontinued. But another newer model can be used
Microspatula	Fisher	SDI28540115	Autoclaved before use each time.