

ForenSeq Kintelligence Kit Materials List



For Research, Forensic, or Paternity Use Only

Library Prep Kit

Kit Name	Verogen Part #
ForenSeq Kintelligence Kit (12 Reactions)	V16000120

Consumables

Consumable	Supplier
1.5 ml LoBind microcentrifuge tubes	VWR, catalog # 80077-230 or # 80077-232
15 ml conical tubes	General lab supplier
20 µl barrier pipette tips	General lab supplier
200 µl barrier pipette tips	General lab supplier
1000 µl barrier pipette tips	General lab supplier
96-well deep well storage plates (midi plates)	Fisher Scientific, part # AB-0765 (individually sealed)
96-well twin.tec PCR plates, semi-skirted	One of the following suppliers: <ul style="list-style-type: none">• Eppendorf, catalog # 951020303• VWR, catalog # 89136-706
Ethyl alcohol, pure	Sigma-Aldrich, catalog # E7023
Microseal 'A' sealing film	Bio-Rad, catalog # MSA5001
Microseal 'B' sealing film, adhesive, optical	Bio-Rad, catalog # MSB1001
MiSeq FGx Reagent Kit	Verogen part # 15066817
Nuclease-free water	General lab supplier
QuantiFluor ONE dsDNA System	Promega, catalog # E4870
[Optional] Multichannel reagent reservoirs, PVC, disposable	Labcor, part # 730-001

Equipment

Equipment	Supplier	Pre-PCR	Post-PCR
20 µl pipettes	General lab supplier	X	X
200 µl pipettes	General lab supplier	X	X
1000 µl pipettes	General lab supplier		X
Benchtop microcentrifuge	General lab supplier	X	X
Magnetic stand-96	Life Technologies, part # AM10027		X
Microplate centrifuge	General lab supplier	X	X

Equipment	Supplier	Pre-PCR	Post-PCR
One of the following thermoshakers: <ul style="list-style-type: none"> BioShake iQ BioShake XP 	QInstruments, item #: <ul style="list-style-type: none"> 1808-0506 1808-0505 		X
Quantus Fluorometer	Promega, catalog # E6150		X
Rubber roller	General lab supplier	X	X
Thermal cycler, 96-well with heated lid	See Thermal Cyclers (below)		X
Vortexer	General lab supplier	X	X
[Optional] 20 µl multichannel pipettes	General lab supplier	X	X
[Optional] 200 µl multichannel pipettes	General lab supplier	X	X

Thermal Cyclers

Thermal Cycler	Temperature Mode	Lid Temperature	Vessel Type
ABI LTI thermal cycler 9700*	9600 emulation	Heated	Polypropylene plates
QIAmplifier 96-well thermal cycler	Standard	Heated, constant at 100°C	Polypropylene plates
Proflex 96-well PCR System	Not applicable	Heated, constant at 100°C	Polypropylene plates
Veriti 96-well thermal cycler	Standard	Heated, constant at 100°C	Polypropylene plates

* Only gold heat blocks are supported.