

Materials List for

Evaluation of Colorectal Cancer Risk and Prevalence by Stool DNA Integrity Detection

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Materials

Name	Company	Catalog Number	Comments
1.5 mL and 2 mL polypropylene twist-lock tubes (DNase-, RNase-, DNA-, PCR inhibitor-free)			Consumables required for DNA extraction and Real Time PCR
Absolute Ethanol (quality of analytical degree)			Reagent required for DNA extraction
Benchtop centrifuge			Maximum speed of 20000 x g. Instrument required for DNA extraction
EasyPGX analysis software version 2.0.0	Diatech Pharmacogenetics	RT800-SW	Analysis software
EasyPGX centrifuge/vortex 8-well strips	Diatech Pharmacogenetics	RT803	Instrument recommended for the Real Time PCR assay
EasyPGX qPCR instrument 96	Diatech Pharmacogenetics	RT800-96	Instrument recommended for the Real Time PCR assay
EasyPGX ready FL-DNA	Diatech Pharmacogenetics	RT029	Kit required for the Real Time PCR assay
Micropipettes (volumes from 1 to 1.000 µL)			Consumables required for DNA extraction and Real Time PCR
Powder-free disposable gloves			Consumables required for DNA extraction and Real Time PCR
QIAamp Fast DNA Stool	Qiagen	51604	Kit recommended for the DNA extraction and purification from stool
Sterile filter tips DNase-, RNase-free (volumes from 1 to 1.000 µL)			Consumables required for DNA extraction and Real Time PCR
Thermal block e.g. EasyPGX dry block	Diatech Pharmacogenetics	RT801	Instrument required for DNA extraction
Vortex e.g. EasyPGX centrifuge/vortex 1.5 ml	Diatech Pharmacogenetics	RT802	Instrument required for DNA extraction