

Materials List for:

A Robust Polymerase Chain Reaction-Based Assay for Quantifying Cytosine-Guanine-Guanine Trinucleotide Repeats in Fragile X Mental Retardation-1 Gene

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Materials

Name	Company	Catalog Number	Comments
Agilent 2100 Bioanalyzer instrument: 0.2 mL PCR tubes	Axygen	PCR-02D-C	
Agilent 2100 Bioanalyzer instrument: 1X TE buffer, pH 8.0, Rnase-free	Ambion	AM9849	
Agilent 2100 Bioanalyzer instrument: 2100 Bioanalyzer instrument	Agilent	G2939AA	
Agilent 2100 Bioanalyzer instrument: 96-well PCR Plate	Thermo Fisher	AB0800	
Agilent 2100 Bioanalyzer instrument: Electrode cartridge	Agilent		Supplies equipment of the 2100 Bioanalyzer instrument
Agilent 2100 Bioanalyzer instrument: IKA vortex mixer	Agilent		Supplies equipment of the 2100 Bioanalyzer instrument
Agilent 2100 Bioanalyzer instrument: Sizing software 2100 Expert software	Agilent		Supplies equipment of the 2100 Bioanalyzer instrument
Agilent 2100 Bioanalyzer instrument: Test chips	Agilent		Supplies equipment of the 2100 Bioanalyzer instrument
Agilent DNA 7500 kit	Agilent	5067-1506	For Fragment sizing
Agilent DNA 7500 kit: DNA 7500 Ladder (yellow cap)	Agilent		In kit: Agilent DNA 7500 kit (catalog number: 5067-1506)
Agilent DNA 7500 kit: DNA 7500 Markers (green cap)	Agilent		In kit: Agilent DNA 7500 kit (catalog number: 5067-1506)
Agilent DNA 7500 kit: DNA chips	Agilent		In kit: Agilent DNA 7500 kit (catalog number: 5067-1506)
Agilent DNA 7500 kit: DNA Dye Concentrate (blue cap)	Agilent		In kit: Agilent DNA 7500 kit (catalog number: 5067-1506)
Agilent DNA 7500 kit: DNA Gel Matrix Vial (red cap)	Agilent		In kit: Agilent DNA 7500 kit (catalog number: 5067-1506)
Agilent DNA 7500 kit: Electrode Cleaner	Agilent		In kit: Agilent DNA 7500 kit (catalog number: 5067-1506)

Agilent DNA 7500 kit: Spin Filter	Agilent		Supplies of Agilent DNA 7500 kit (catalog number: 5067-1506)
Agilent DNA 7500 kit: Syringe	Agilent		Supplies of Agilent DNA 7500 kit (catalog number: 5067-1506)
Chip priming station	Agilent	5065-4401	Supplies equipment of the 2100 Bioanalyzer instrument
Cubee Mini-centrifuge	GeneReach	aqbd-i	
Filter plate vacuum Manifold: MultiScreenHTS Vacuum Manifold	Merck Millipore	MSVMHTS00	Vacuum instrument for Filter plate vacuum Manifold for PCR product purification
Filter plate vacuum Manifold: Silicone stopper	Merck Millipore	XX2004718	Filter plate vacuum Manifold
Filter plate vacuum Manifold: Vacuum pump	Merck Millipore	WP6122050	Filter plate vacuum Manifold
Filter plate vacuum Manifold: Waste collection vessel	Merck Millipore	XX1004705	Filter plate vacuum Manifold
FragilEase Fragile X PCR kit	PerkinElmer	3101-0010	For PCR amplification