

Materials List for:

# Steady-state, Pre-steady-state, and Single-turnover Kinetic Measurement for DNA Glycosylase Activity

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## Materials

Name	Company	Catalog Number	Comments
<b>Reagent/Material</b>			
5'-6-FAM labeled oligonucleotides containing a single 8-oxoG	Eurofins MWG Operon		5'-P32 radiolabeled oligonucleotides can be used as well. Polyacrylamide gel purification grade is recommended.
Unlabeled oligonucleotides (complementary strand)	Eurofins MWG Operon		Polyacrylamide gel purification grade is recommended.
1 ml BD Luer Lock disposable syringe	BD Medical	309628	Luer Lock disposable syringe from other vendors can be used as well.
10 ml BD Luer Lock disposable syringe	BE Medical	309604	Luer Lock disposable syringe from other vendors can be used as well.
<b>Equipment</b>			
Circulating water bath	Any vender		
RQF-3 Rapid Quench-Flow Instrument	KinTek Corporation		Rapid Quench-Flow Instrument from other vendors can be used as well.
Typhoon Phosphorimager 8600	GE Healthcare Life Sciences		Imager from other vendors can be used as well.
KaleidaGraph	Synergy Software		