

DNA Extraction from Saliva (Per Oragene[®] DNA Self Collection kit)

Method:	PureGene DNA Isolation (Alcohol Precipitation)
Kit Manufacturer:	QIAGEN, Valencia, CA
Description:	Cells are lysed with an anionic detergent in the presence of a DNA stabilizer. The DNA stabilizer limits the activity of intracellular DNases and also DNases found elsewhere in the environment. Other contaminants, such as proteins, are removed by salt precipitation. Finally, the genomic DNA is recovered by precipitation with alcohol and dissolved in a buffered solution containing a DNA stabilizer. Purified DNA typically has an A260/A280 ratio between 1.7 and 2.0, and is up to 200 kb in size. The DNA can be safely stored at -80°C.

Collection and Performance Characteristics

Tube type:	Preferred: Oragene [®] DNA Self Collection kit OG-500 Alternate: None
Minimum Volume:	2 mL of saliva (fill line on tube)
Lowest Reportable Value:	2 ug
Reference Range:	80 ug of DNA per 2 mL saliva.