

Nucleic Acid Quality Control	
Service Title	Nanodrop
Workflow Code	BIO-QC-NA
Short Service Description	Nucleic Acid Quantitation
Base Price (Price per unit)	Price on enquiry
Turn Around Time	1 working day
Detailed Description and background	
This service is used to determine sample concentration and the presence of possible contaminants as well as to assess the integrity and suitability of nucleic acids prior to use in downstream applications.	
Service Details	
The Nanodrop ND-1000 Spectrophotometer is used to determine sample concentration and the presence of possible contaminants. For RNA samples to be considered free of contaminants and salts the 260/280 ratio should be between 1.8 and 2.0 and 260/230 ratios should be > 1.5.	
Service Deliverable	
Nanodrop results in excel format as a support for the QC report are sent to the client.	
Sample/Info Submission Info	
Samples are submitted on dry ice in clearly marked 0.2ml tubes or accompanied by an electronic spread sheet detailing all the necessary information.	
Pricing Details	Price on request
Key Words	Nanodrop, 260/280 ratios, 260/230 ratios
Sample Shipping Address	Institute of Infectious Disease and Molecular Medicine, UCT, Faculty of Health Sciences, Wernher and Beit Building, Level 2, Lab S2.09, Anzio Road, Observatory, Cape Town 7925, South Africa
Related services	Sample preparation, RNA extraction DNA Extraction

