

Sample requirements *If a sample does not fulfil these requirements, please contact NewGene before dispatch to discuss whether testing is possible.*

FFPE material: Block or 5 x 10 µm thick tissue sections / curls with a minimum tumour content 30%.

Fresh frozen material: Sufficient to yield 500 ng of DNA for analysis, i.e. 5 to 10 mg with a minimum tumour content of 30%.

DNA in solution: 500 ng, A260/A280 of 1.8 - 2.0 in nuclease-free dH₂O or 1 x TE buffer, pH 8.

Test required *Incomplete forms will result in delay of sample analysis, and possible rejection of samples.*

RAS Mutation Testing (KRAS/BRAF/NRAS)
BRAF/NRAS Testing in Melanoma
EGFR Mutation Testing - (Cytology: samples can include fixed cell pellet or other fluids and slides)
EGFR T790M Mutation Testing - (Cytology: samples can include fixed cell pellet or other fluids and slides)
NSCLC Pathway – If EGFR is negative then sample will be referred to RVI for IHC ALK testing. Please only submit FFPE blocks for NSCLC Pathway. Do not submit sections mounted on slides, curls, fresh frozen tissue or DNA in solution.
GIST Mutation Analysis
Medulloblastoma molecular subgroup assay (WNT, SHH, Grp3 & Grp4)
OTHER

Patient information		Referring information	
Surname		Name (print clearly)	
Forename		Hospital	
DOB	Male / Female	Contact Tel	
NHS No/Ref No		Email	
Postcode			

Sample information		Copy report to be issued to	
Date sample taken		Name	
Pathology Sample Ref		Hospital	
Tumour Type		Email	
Estimated Amount of Tumour			
Other Relevant details			

Samples should be sent to:

NewGene, Sample Reception, Biomedicine West Wing, International Centre for Life, Newcastle upon Tyne, NE1 4EP

Enquires: 0191 242 1923 / Email: tnu-tr.newgene@nhs.net (Opening hours: 8:30am – 5:00pm, Monday to Friday)

Shipping Instructions:

All samples should be appropriately packaged and labelled and sent via Courier or Royal Mail 1st Class Special Delivery.



For NewGene use only

Sample ref:		Sample type	
-------------	--	-------------	--