

**SOUTH EAST MOLECULAR SOLID TUMOUR
REQUEST FORM**

Request forms from: www.southeastgenomics.nhs.uk

All fields are mandatory. Illegible, unclear or incomplete forms will result in delays or rejection.
Use separate referral forms for DPYD and WGS. This page is to be printed.

PATIENT DEMOGRAPHICS	
First name:	
Last name:	
DOB:	Gender: Male <input type="checkbox"/> Female <input type="checkbox"/> Other <input type="checkbox"/>
NHS number:	
Hospital no:	Postcode:
Laboratory Accession no.:	
Purchase Order no.:	
Non-NHSE funded i.e. Research / Private (attach invoicing details) <input type="checkbox"/>	
Ethnicity:	

FOR CANCER GENETICS USE

Sample from: <input type="checkbox"/> FFPE biopsy <input type="checkbox"/> FFPE resection <input type="checkbox"/> Cell block <input type="checkbox"/> Cytological material (e.g. Giemsa stained slides) <input type="checkbox"/> Other Please specify: _____	Material sent: <input type="checkbox"/> Control sample normal tissue or PB in EDTA <input type="checkbox"/> DNA _____ ng/μl <input type="checkbox"/> curls/scrolls >20% tumour; 5x10μm sections <input type="checkbox"/> slides <20% tumour; 5x10μm sections plus marked H&E slide <input type="checkbox"/> slides for FISH; 3x4μm sections plus H&E/immuno	Tumour sample % Tumour Cellularity (or % neoplastic cells): _____ <input type="checkbox"/> Primary <input type="checkbox"/> Metastatic Biopsy or resection <input type="checkbox"/> Biopsy site: _____ Sample collection date & time	Remarks: Necrosis: Yes <input type="checkbox"/> No <input type="checkbox"/> High pigmentation: Yes <input type="checkbox"/> No <input type="checkbox"/> >48 hour fixation time: Yes <input type="checkbox"/> No <input type="checkbox"/> Rapid fixation time: Yes <input type="checkbox"/> No <input type="checkbox"/> Decal: Yes <input type="checkbox"/> No <input type="checkbox"/> (if yes: EDTA <input type="checkbox"/> Formic Acid <input type="checkbox"/> Please refer to the GLH website for guidance on tissue pathways.
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TEST DIRECTORY CLINICAL INDICATION & CODE	
M Code: Test Code:	Other solid tumour requests <input type="checkbox"/> Please discuss with the lab before sending the sample Please specify tumour type and genes for analysis:

CLINICIAN DETAILS	
Requesting Clinician / Consultant: Hospital & Department: E-mail (for contact and reports): Phone: Signature: _____ Date: ____ / ____ / ____ Histopathologist: Histopathologist e-mail for contact:	CLINICAL DETAILS (Diagnosis/Reason for Referral): Tumour Type: Histological Subtype:

Additional clinical information (if required) <i>E.g. previous tumours, molecular testing, and relevant treatment history with date(s)</i>

Please send all samples to: Cancer Genetics, Genetics Laboratories, 5th Floor Tower Wing, Guy's Hospital, London SE1 9RT
Please attach a copy of the histopathology report if relevant.

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Please indicate the relevant clinical indication and code on page 1.

CI Code	Clinical Indication Name			
M1	Colorectal Carcinoma	M1.1	Multi-target NGS panel - small variant (KRAS, NRAS, BRAF)	
M1	Colorectal Carcinoma	M1.4	MSI Testing	
M1	Colorectal Carcinoma	M1.5	MLH1 promoter hypermethylation	
M1	Colorectal Carcinoma	M1.6	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M1	Colorectal Carcinoma	M1.9	Multi-target NGS panel - small variant (MLH1, MSH2, MSH6, PMS2, POLD1, POLE)	
M2	Ovarian Carcinoma	M2.1	Multi-target NGS panel - small variant (BRCA1, BRCA2, SMARCA4)	
M2	Ovarian Carcinoma	M2.3	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M2	Ovarian Carcinoma	M2.5	HRD status (either positive for BRCA1 and/or 2, or HRD positive) - please complete separate HRD referral form	
M215	Endometrial Cancer	M215.1	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M215	Endometrial Cancer	M215.2	MLH1 promoter hypermethylation	
M215	Endometrial Cancer	M215.4	Multi-target NGS panel - small variant (MLH1, MSH2, MSH6, PMS2)	
M215	Endometrial Cancer	M215.5	Multi-target NGS panel-small variant detection POLE	
M3	Breast Cancer	M3.5	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M3	Breast Cancer	M3.6	Multi-target NGS panel - small variant (PIK3CA)	
M3	Breast Cancer	M3.9	ETV6-NTRK3 FISH/RT-PCR	
M4	Non-Small Cell Lung Cancer	M4.1	Multi-target NGS panel - small variant (EGFR, ALK, BRAF, KRAS, MET)	
M4	Non-Small Cell Lung Cancer	M4.2	Multi-target NGS panel - structural variant (ROS1, RET, EML4-ALK, NTRK1, NTRK1, NTRK3, MET)	
M4	Non-Small Cell Lung Cancer	M4.3	Multi-target NGS panel - copy number variant (MET)	
M4	Non-Small Cell Lung Cancer	M4.6	ROS1 rearrangement FISH/RT-PCR	
M4	Non-Small Cell Lung Cancer	M4.7	RET rearrangement FISH/RT-PC	
M4	Non-Small Cell Lung Cancer	M4.8	MET copy number FISH	
M4	Non-Small Cell Lung Cancer	M4.10	EML4-ALK FISH/RT-PCR	
M231	Small cell lung cancer	M231.2	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M5	Mesothelioma	M5.1	CDKN2A copy number FISH	
M5	Mesothelioma	M5.2	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M6	Mucoepidermoid Carcinoma	M6.1	MAML2 rearrangement FISH	
M6	Mucoepidermoid Carcinoma	M6.2	Multi-target NGS panel - structural variant (MAML2, NTRK1, NTRK2, NTRK3)	
M6	Mucoepidermoid Carcinoma	M6.3	Multi-target NGS panel - structural variant (MAML2)	
M7	Melanoma - Adult	M7.1	Multi-target NGS panel - small variant (BRAF, KIT, NRAS)	
M7	Melanoma - Adult	M7.3	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M7	Melanoma - Adult	M7.5	MYB & 6cen	
M7	Melanoma - Adult	M7.6	RREB1 (6p25)	
M7	Melanoma - Adult	M7.7	CCND1 (11q13)	

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M7	Melanoma - Adult	M7.9	CDKN2A & 9cen	
M241	Conjunctival melanoma	M241.1	MYB & 6cen	
M241	Conjunctival melanoma	M241.2	RREB1 (6p25)	
M241	Conjunctival melanoma	M241.3	CCND1 (11q13)	
M241	Conjunctival melanoma	M241.5	CDKN2A & 9cen	
M187	Uveal melanoma	M187.3	Multi-target NGS panel - small variant (BRAF, NRAS, NF1)	
M187	Uveal melanoma	M187.4	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M8	Gastrointestinal Stromal Tumour	M8.1	Multi-target NGS panel - small variant (KIT, PDGFRA)	
M8	Gastrointestinal Stromal Tumour	M8.2	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M9	Thyroid Papillary Carcinoma - Adult	M9.1	Multi-target NGS panel - small variant (BRAF, KRAS, NRAS, HRAS, TERT promoter)	
M9	Thyroid Papillary Carcinoma - Adult	M9.2	Multi-target NGS panel - structural variant (RET, NTRK1, NTRK2, NTRK3)	
M9	Thyroid Papillary Carcinoma - Adult	M9.3	RET rearrangement FISH/RT-PC	
M9	Thyroid Papillary Carcinoma - Adult	M9.4	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M10	Thyroid Follicular Carcinoma	M10.1	Multi-target NGS panel - small variant (KRAS, NRAS, HRAS)	
M10	Thyroid Follicular Carcinoma	M10.2	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3, RET)	
M11	Poorly Differentiated Anaplastic Thyroid Carcinoma	M11.1	Multi-target NGS panel - small variant (TP53, BRAF)	
M11	Poorly Differentiated Anaplastic Thyroid Carcinoma	M11.4	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3, RET, ALK)	
M12	Thyroid Medullary Carcinoma	M12.1	Multi-target NGS panel - small variant (RET)	
M12	Thyroid Medullary Carcinoma	M12.2	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M239	Thyroid Hurtle Cell Carcinoma	M239.1	Multi-target NGS panel - structural variant (RET)	
M240	Non-invasive follicular thyroid neoplasm with papillary like nuclei	M240.1	Multi-target NGS panel - small variant (BRAF,HRAS,NRAS,KRAS)	
M13	Phaeochromocytoma	M13.1	Multi-target NGS panel - small variant (RET)	
M13	Phaeochromocytoma	M13.2	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M14	Adrenal Cortical Carcinoma	M14.1	Multi-target NGS panel - small variant (TP53)	
M14	Adrenal Cortical Carcinoma	M14.4	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M15	Head and Neck Squamous Cell Carcinoma	M15.1	Multi-target NGS panel - small variant (CDKN2A, EGFR, TP53)	
M15	Head and Neck Squamous Cell Carcinoma	M15.2	Multi-target NGS panel - structural variant (RET, NTRK1, NTRK2, NTRK3)	
M15	Head and Neck Squamous Cell Carcinoma	M15.4	RET rearrangement FISH/RT-PC	
M15	Head and Neck Squamous Cell Carcinoma	M15.6	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M16	Adenoid Cystic Carcinoma	M16.1	MYB-NFIB FISH/RT-PCR	
M16	Adenoid Cystic Carcinoma	M16.2	Multi-target NGS panel - structural variant (MYB-NFIB, NTRK1, NTRK2, NTRK3)	
M17	Secretory Carcinoma (Salivary Gland)	M17.1	ETV6-NTRK3 FISH/RT-PCR	

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M17	Secretory Carcinoma (Salivary Gland)	M17.2	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M18	Renal Cell Carcinoma - Adult	M18.1	TFE3 rearrangement FISH/RT-PCR	
M18	Renal Cell Carcinoma - Adult	M18.2	Multi-target NGS panel small variant (FH, SDHA, SDHB, SDHC, SDHD, VHL, ELOC (TCEB-1), TSC1/2, MET, BRAF)	
M18	Renal Cell Carcinoma - Adult	M18.6	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3, TFE3, TFEB)	
M217	Bladder Cancer	M217.1	Multi-target NGS panel - small variant (FGFR3, FGFR2)	
M217	Bladder Cancer	M217.3	Multi-target NGS panel - structural variant (FGFR3, FGFR2, NTRK1, NTRK2, NTRK3)	
M218	Prostate Cancer	M218.1	Multi-target NGS panel - small variant (BRCA1, BRCA2)	
M218	Prostate Cancer	M218.2	Multi-target NGS panel - structural variant (TMPRSS2-ERG, NTRK1, NTRK2, NTRK3)	
M219	Pancreatic Cancer	M219.1	Multi-target NGS panel - small variant (BRCA1, BRCA2)	
M219	Pancreatic Cancer	M219.2	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M219	Pancreatic Cancer	M219.5	MSI Testing	
M220	Cholangiocarcinoma	M220.1	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3, FGFR2)	
M220	Cholangiocarcinoma	M220.5	MSI Testing	
M220	Cholangiocarcinoma	M220.6	Multi-target NGS panel -small variant (IDH1)	
M220	Cholangiocarcinoma	M220.7	FISH	
M221	Spitzoid tumour	M221.1	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M222	Hepatocellular carcinoma	M222.2	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M226	Cancer of Unknown Primary	M226.1	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M227	Solid tumour other (i.e. specific histology not listed elsewhere in the test directory)	M227.1	Multi-target NGS panel - structural variant (NTRK1, NTRK2, NTRK3)	
M236	Oesophageal Cancer	M236.1	MSI Testing	
M237	Gastric Cancer	M237.1	MSI Testing	
M238	Small Bowel Cancer	M238.1	MSI Testing	
M243	Thymic Carcinoma	M243.1	Multi-target NGS panel (KIT)	
M244	In all tumours eligible for NTRK1/2/3 testing	M244.1	FISH	
M245	Ovarian sex cord stromal tumours	M245.1	Multi-target NGS panel - FOXL1, CTNNB1, APC, DICER1	

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