Sonic Genetics
Quality is in our DNA

ContextualGenomics

Personalised cancer care

Information for Medical Specialists

The Contextual Genomics FIND IT® Cancer Hotspot Panel is a multiplex next generation sequencing assay, designed to identify common, clinically actionable genomic alterations in most solid tumour samples. The FIND IT panel provides a personalised understanding of a patient's tumour.

Why use FIND IT for your patient?

Improved therapeutic precision and increased treatment options

Unlike technologies that have limited detection potential or whole gene sequencing strategies that often yield variants of unknown significance, the FIND IT test targets known and clinically actionable alterations, designed to reduce ambiguity and potentially improve clinical management options. We limit the range of genes tested, to maximise the reporting of usable information that will assist doctors to make more precise decisions about therapeutics.

Reliable turnaround time

We are committed to report results in 7 business days from the time of sample receipt in the molecular testing laboratory. Since the panel tests for all hotspot mutations simultaneously, it significantly reduces time to result compared to consecutive single gene test methods.

Conserve biopsy tissue

The assay reduces the amount of biopsy tissue required by taking a single sample, extracting its DNA and testing for all hotspots.

Why choose the FIND IT Cancer Hotspot Panel?

- Detects mutations that have prognostic and diagnostic value.
- Identifies potential therapeutics or potential clinical trials.
- Finds acquired resistance mutations to drugs and assists in the selection of medicines.
- Available exclusively through Sonic Genetics.

Optimised for clinical benefit

- Detects single base substitutions (SNVs), small deletions and insertions of up to 24 nucleotides.
- Simultaneously evaluates the mutation status of tumour DNA at more than 140 well-characterised positions (hotspots) and more than 20 exons in no less than 30 cancer-associated genes.
- Catalogues genomic alterations, linking them to details on treatment sensitivity and resistance, as well as clinical trial information.

Comprehensive reporting

- Reports feature a detailed clinical interpretation, with information based on the mutation profile of the tumour.
- A seamless full service approach enables physicians to make more informed patient decisions.

FIND IT panel genes associated with tumour types

Cancer	Associated genes
Breast cancer	AKT1, BRAF, DDR2, ERBB2 (HER2)*, ESR1, PIK3CA
Colorectal cancer	AKT1, BRAF, CTNNB1, EGFR, KRAS, NRAS, PIK3CA, POLE
Melanoma	BRAF, CTNNB1, GNA11, GNAQ, KIT, MAP2K1, NRAS
Lung cancer^	AKT1, ALK, BRAF, DDR2, EGFR, ERBB2, KRAS, MAP2K1, MET, NRAS, PIK3CA, ROS1
Glioma#	BRAF, IDH1, IDH2, PIK3CA, SMO, TP53
Gynaecological cancer (e.g. endometrial, ovarian)	AKT1, BRAF, CTNNB1, DDR2, HRAS, KRAS, NRAS, PIK3CA, POLE, TP53
Pancreaticobiliary cancer (e.g. cholangiocarcinoma, liver, pancreas)	ERBB2, CTNNB1, GNAS, HRAS, KRAS, NRAS, PIK3CA
Thyroid cancer	AKT1, BRAF, CTNNB1, GNAS, HRAS, KRAS, NRAS, PIK3CA, RET, TP53
Upper GI cancer (e.g. oesophageal, gastric, GIST)	BRAF, ERBB2, KIT, PDGFRA, PIK3CA
Urological cancer (e.g. bladder, prostate, urothelial)	AR, DDR2, ERBB2, HRAS, KRAS, PIK3CA

*Detects recurrent activating point mutations and insertions; does not detect HER2 amplification.
^ALK and ROS1 rearrangement testing available by IHC and FISH.
#1p/19q co-deletion and EGFR amplification available by FISH. FISH does not detect EGFRvIII.

Please note: The genes included in each panel are under continual review and subject to change. Refer to www.sonicgenetics.com.au/FINDIT for current information.

Comparison with other platforms

A comparison of FIND IT to the Illumina TruSight Tumour 26 test was performed by Sonic Genetics in Australia, using a cohort of more than 70 samples.

This showed >99% concordance in regions common to both panels.

How much does the FIND IT test cost?

The full panel is available on request. Currently, it is not covered by a Medicare rebate and will be privately billed to the patient. Focused panels are available for the relevant Medicare rebate fee, avoiding any out-of-pocket charges for your patient. An add-on panel can be requested to extend a focused panel to a full panel for the subsidised price listed below.

Panel required and clinical indication		Genes analysed	Cost
Full FIND IT panel*		≥30 genes	$595
Focused panels†	NSCLC	5 genes (BRAF, EGFR, ERBB2, KRAS, MET + ALK/ROS1 by IHC/FISH)	MBS rebatable (no gap)
	Melanoma	3 genes (BRAF, KIT, NRAS)	MBS rebatable (no gap)
	Colorectal	4 genes (BRAF, KRAS, NRAS, PIK3CA)	MBS rebatable (no gap)
Add-on panel		Extend a focused panel to the full panel	$395

Prices correct at time of printing.
*Partial rebate may be available, subject to Medicare criteria being met for the NSCLC, Melanoma or Colorectal panels listed.
†Medicare rebates available, subject to Medicare criteria being met.

Arrange FIND IT testing with Sonic Genetics

- Complete a FIND IT Cancer Hotspot Panel Request Form (available online at www.sonicgenetics.com.au/FINDIT).
- Patient is required to prepay for the full FIND IT panel. Contact details for your local Sonic Healthcare laboratory are listed on the Sonic Genetics website.
- Once payment is received, Sonic Genetics will obtain the tissue sample for analysis.*
- Once the tissue sample arrives at the testing laboratory, it will be processed in 7 business days (if the sample is viable).

*A non-Sonic Healthcare laboratory may charge a fee for the retrieval and transport of this sample.

Why choose FIND IT at Sonic Genetics?

- **Experience you can trust:** Our parent company, Sonic Healthcare, is Australia's largest provider of diagnostic services.
- **Access to pathologists:** Clinicians can speak directly with one of our genetic pathologists or histopathologists to discuss report interpretation and patient management.
- **Results:** You can access and download your results via Sonic Dx, our online app.
- **Support for clinicians:** Provides clinically actionable information.
- **Quality assurance:** Sullivan Nicolaides Pathology is NATA-accredited and provides FIND IT testing for Sonic Genetics and the Sonic Healthcare group. You can be confident we have been audited and perform testing to Australian standards.

For further information, please refer to our website, www.sonicgenetics.com.au or call us on 1800 010 447

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