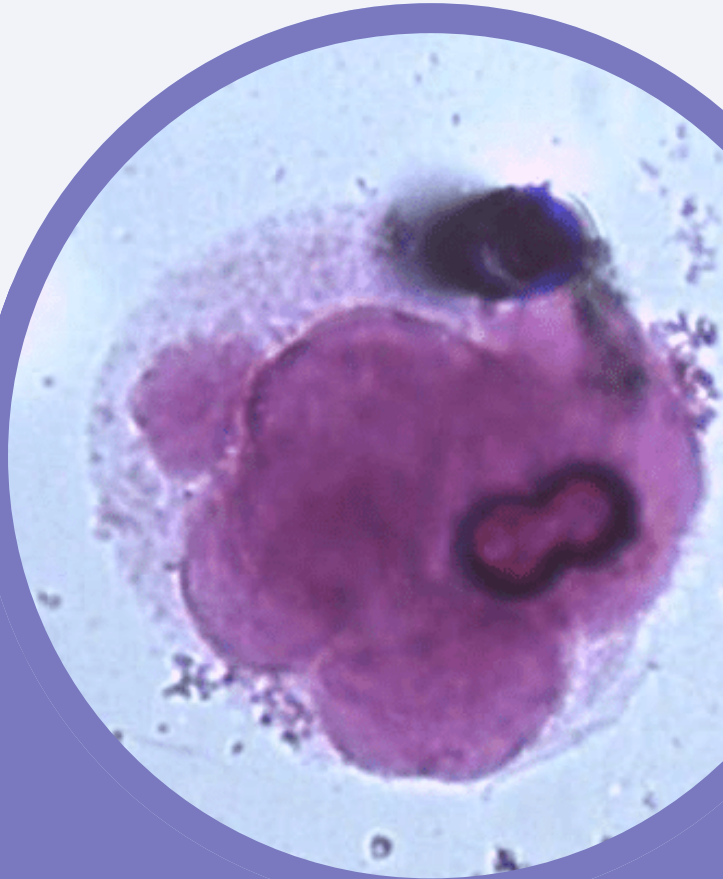


ISET®-CTC

Sensitive Screening Tests for Circulating Tumour Cells

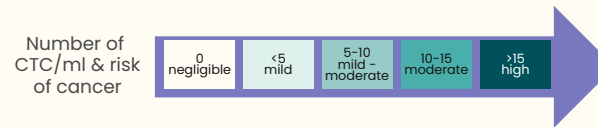


The ISET®-CTC Test

ISET® (Isolation by Size of Epithelial Tumour cells) - CTC (Circulating Tumour Cells) is a blood test that may be helpful:

- for the early detection of cancer risk
- for assessment of patients with cancer
- for the metastatic potential of cancer
- for monitoring cancer therapy (treatment efficacy)

Recent studies indicate that the CTC count (number of CTCs per ml of blood) and morphology (type of CTC: single cell or clusters) can correspond to the potential risk of malignancy and possibly the stage of the cancer. Generally, the higher the CTC count, the higher the risk.



The ISET®-CTC test uses cytopathology (microscopy) to distinguish between benign and malignant CTC, atypical cells, inflammation, pathogenic organisms and other rare cells.

NIIM is the first institute in Australia to have the ISET®-CTC technology available by Rarecells France. www.rarecells.com



To Take the ISET®-CTC Test

A doctor's referral is required to book in for the ISET-CTC blood test. Please contact research@niim.com.au for the CTC test request form or book an appointment with a NIIM Integrative General Practitioner.

NIIM Clinic

Our clinic in Hawthorn provides an exemplary team of integrative general practitioners, allied and complementary health practitioners. Our clinicians utilise innovative therapies together with the latest in screening and treatment tools, for the ultimate in healthcare. Practitioner profiles, including professional background and special interests and information on all services can be viewed online at:



L3, 11-23 Burwood Road, Hawthorn VIC 3122

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(03) 9804 0646

research@niim.com.au



NIIM conducts the ISET®-CTC test as part of a clinical study. This study has been approved by an NHMRC registered ethics committee, and is registered on the Australian New Zealand Clinical Trials Registry.

NIIM conducts the Circulating Tumour Cells (CTC) Test as part of a clinical study

This study is registered on the Australia New Zealand Clinical Trial Registry as an observational (non-interventional) study, and has been approved by an NHMRC-registered ethics committee.

This observational CTC study uses the ISET® system, developed by Rarecells Diagnostics SAS, France to detect Circulating Tumour Cells (CTC) and screen for potential chronic conditions arising from detectable pathogens. The ISET® system is CE IVD certified and is compliant with the European In Vitro Diagnostics Regulations.

The CTC blood test is a one-point-in-time screening test.

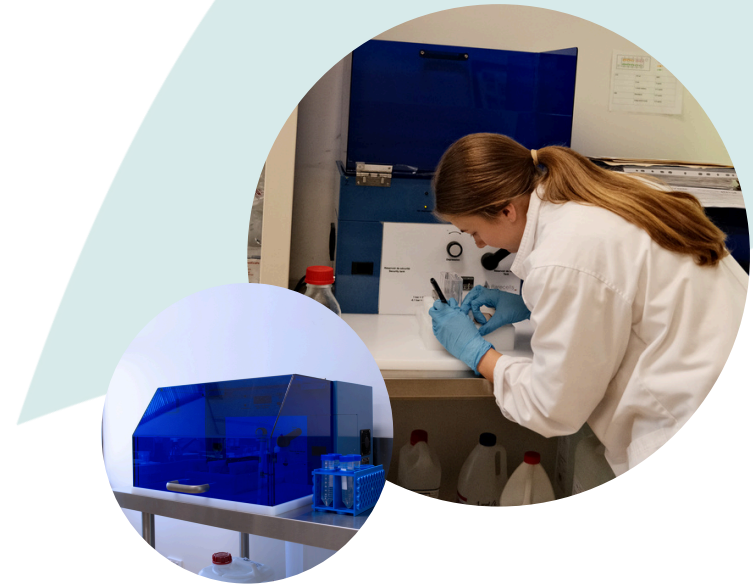
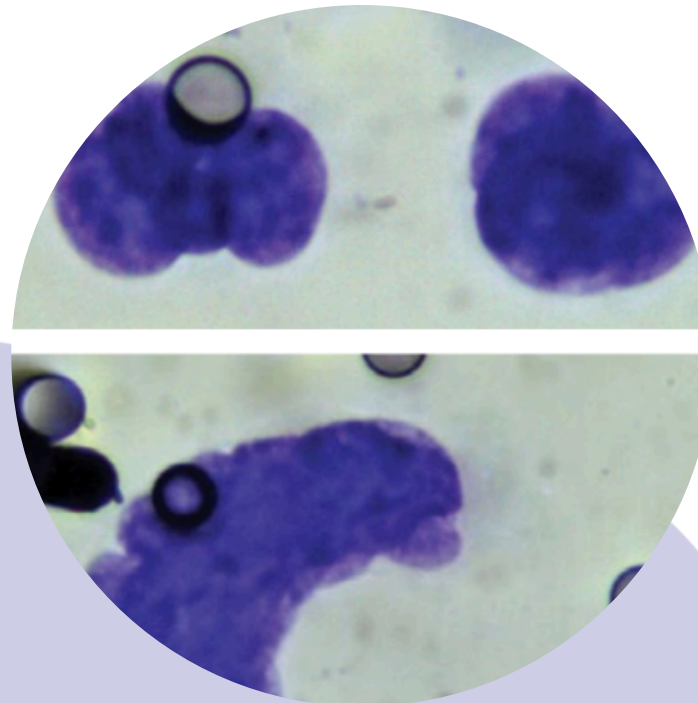
Our study aims to:

- Assist in monitoring treatment effectiveness in cancer patients by CTC Testing before and after treatment
- Screen for CTC to assist in early diagnosis of potential malignancy
- Screen for other rare cells
- Assess utility of the ISET®-CTC test in clinical practice

The ISET®-CTC test

- The ISET®-CTC Test is a screening test not a diagnostic test
- CTCs are Circulating Tumour Cells in the blood
- CTCs are well-established biomarkers which can potentially assist with early cancer detection and assessment of treatment effectiveness
- The 'CTC count' indicates the potential risk of malignancy and possibly the stage of cancer
- The 'Isolation by SizE of Tumour (ISET®) CTC' test uses filtration and standard cytological microscopy, validated in more than 80+ peer-reviewed articles over the last 20 years. Articles can be downloaded at: <https://www.rarecells.com/iset-publications-in-oncology>.
- As of Aug 2024, NIIM has conducted over 4,200 CTC tests.

Stained Cancer Cells on Filter



What does the CTC screening test involve?

1. A doctor's referral is required to book in for the ISET-CTC blood test.
2. Contact: research@niim.com.au for the CTC test request form
3. The blood tests can be done at NIIM or your local pathology lab. There is no need to fast for this blood test.
4. For interstate patients, please request a test kit, which includes blood tubes, packaging material, and a courier return envelope.
5. Your blood will be analysed locally at NIIM's research facility in Hawthorn.
6. The CTC report will be sent to your referring doctor to discuss with you. The turn-around time is usually 2 weeks.
7. The CTC test is not a standalone diagnostic test, and should be interpreted together with other clinical patient data.