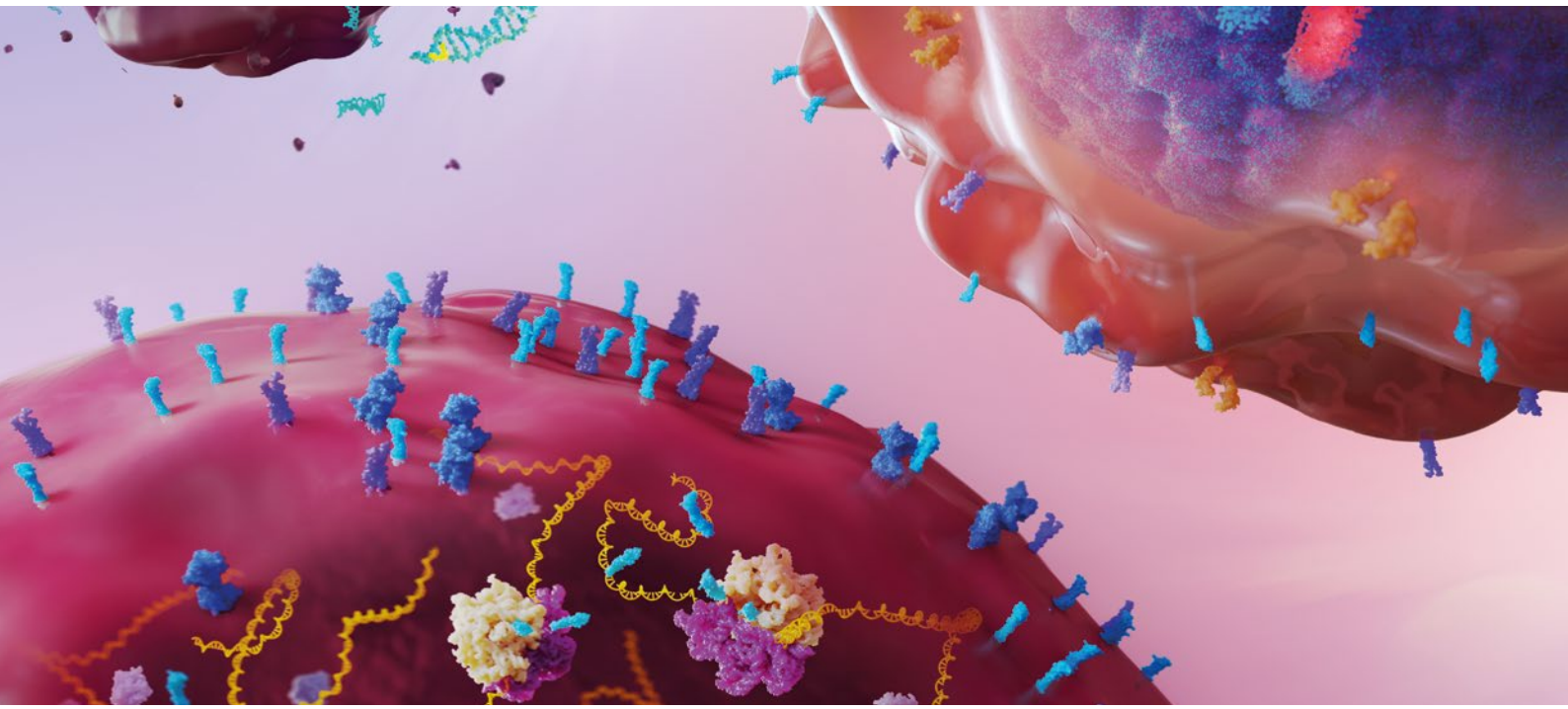
sysmex | Together for a better healthcare journey

Comprehensive molecular and genomic solutions



OSNA

As fast as frozen section, as sensitive as ultrastaging – definitive molecular nodal staging within 30 min.

MammaTyper®

Quantitative, reproducible, and quick RT-qPCR-based profiling of HER2, ER, PR, and Ki-67 for accurate breast cancer subtyping.

CytoCell®

A world leading haematology, solid tumour and constitutional cytogenetics FISH portfolio.

CytoSure® (RUO)

Expertly designed arrays, optimised to provide high sensitivity for cytogenetics and rare diseases.

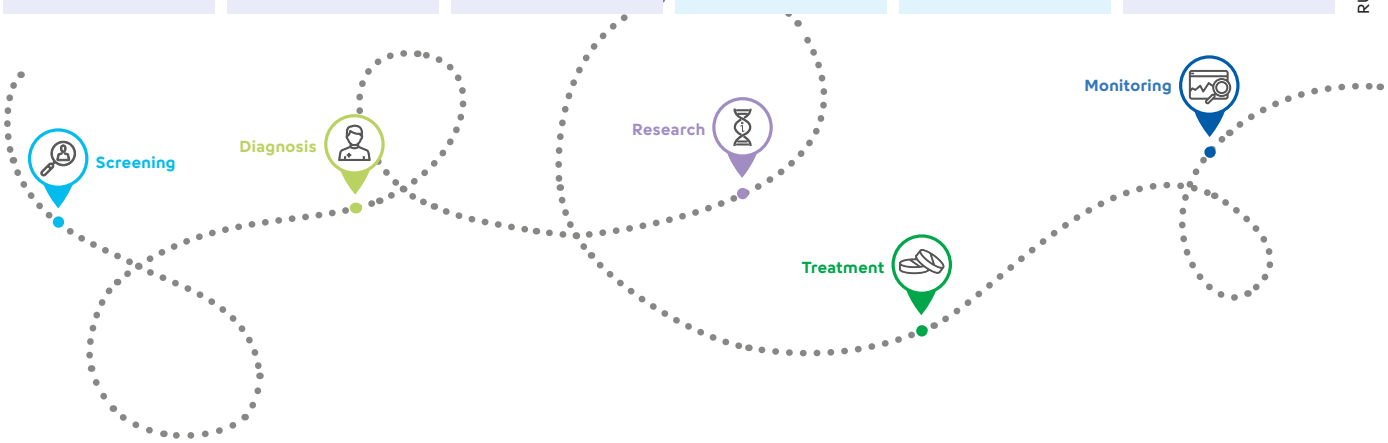
SureSeq™ (RUO)

Innovative haematological malignancy NGS solutions.

Plasma-SeqSensei™

Master the sensitivity in ctDNA detection – liquid biopsy on an NGS level.

RUO = Research use only



Product features at a glance

	OSNA RD-210	MammaTyper®	CytoCell®	CytoSure®	SureSeq™	Plasma-SeqSensei™
Sample type	Lymph node, fresh tissue (mRNA)	FFPE (RNA)	Blood/FFPE/ bone marrow/ amniocytes (DNA)	Blood/FFPE (DNA)	Blood/ bone marrow (DNA/RNA)	Plasma (ctDNA)
Technology (platform)	RT-LAMP (RD-210)	RT-qPCR	FISH	Microarray (Agilent or Innopsys)	NGS (Illumina)	NGS (Illumina)
Turnaround time	30 minutes	5 – 6 hours	2 hours – 2 days	2 days	3 – 4 days	2 days
Hands-on time	10 minutes	1.5 hour	15 – 45 minutes	2 hours	7 hours	8 hours
Customisation	–	–	CytoCell myProbes®	CytoSure® Custom Designed aCGH Arrays	SureSeq™ myPanel	–
Regulatory landscape	CE-IVD	CE-IVD	CE-IVD, RUO	RUO	RUO	CE-IVD
Software	Built-in	MammaTyper® Report Generator	–	CytoSure® Interpret	Interpret	Plasma-SeqSensei™ software
Disease area	Oncology	Breast cancer Oncology	Cytogenetics Haemato-oncology Oncology	Cytogenetics Rare diseases Oncology	Haemato-oncology Oncology	Oncology
Get more information by scanning the QR code						

Glossary

NGS: Next-Generation Sequencing, **FISH:** Fluorescence *In Situ* Hybridisation, **FFPE:** Formalin Fixed Paraffin Embedded, **RT-LAMP:** Reverse Transcription Loop-Mediated Isothermal Amplification, **ctDNA:** circulating tumour DNA

OSNA RD-210: For laboratory professional use only. Use in diagnosis of lymph node metastasis and aid to diagnosis of the size of metastasis and metastases burden in the lymph node(s).
MammaTyper®: For laboratory professional use only. The MammaTyper® kit shall only be used in conjunction with the dedicated software. It is indicated for use by physicians along with other clinicopathological factors.
Plasma-SeqSensei™: For laboratory professional use only. The kits shall only be used in conjunction with the dedicated software to achieve their intended use. The information generated shall never be the sole determinant for taking medical decisions.
CytoCell® FISH probes: For laboratory professional use only. Not intended for use as stand-alone diagnostics or companion diagnostics. Therapeutic action should not be initiated on the basis of the FISH result alone.
CytoCell® and myProbes® are registered trade marks of Cytocell Limited.
CytoSure®, SureSeq™ and myProbes®: For Research Use Only. Not for diagnostic procedures.
OGT™, CytoSure® and SureSeq™ are trade marks of Oxford Gene Technology IP Limited.

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