



Neuberg
DIAGNOSTICS

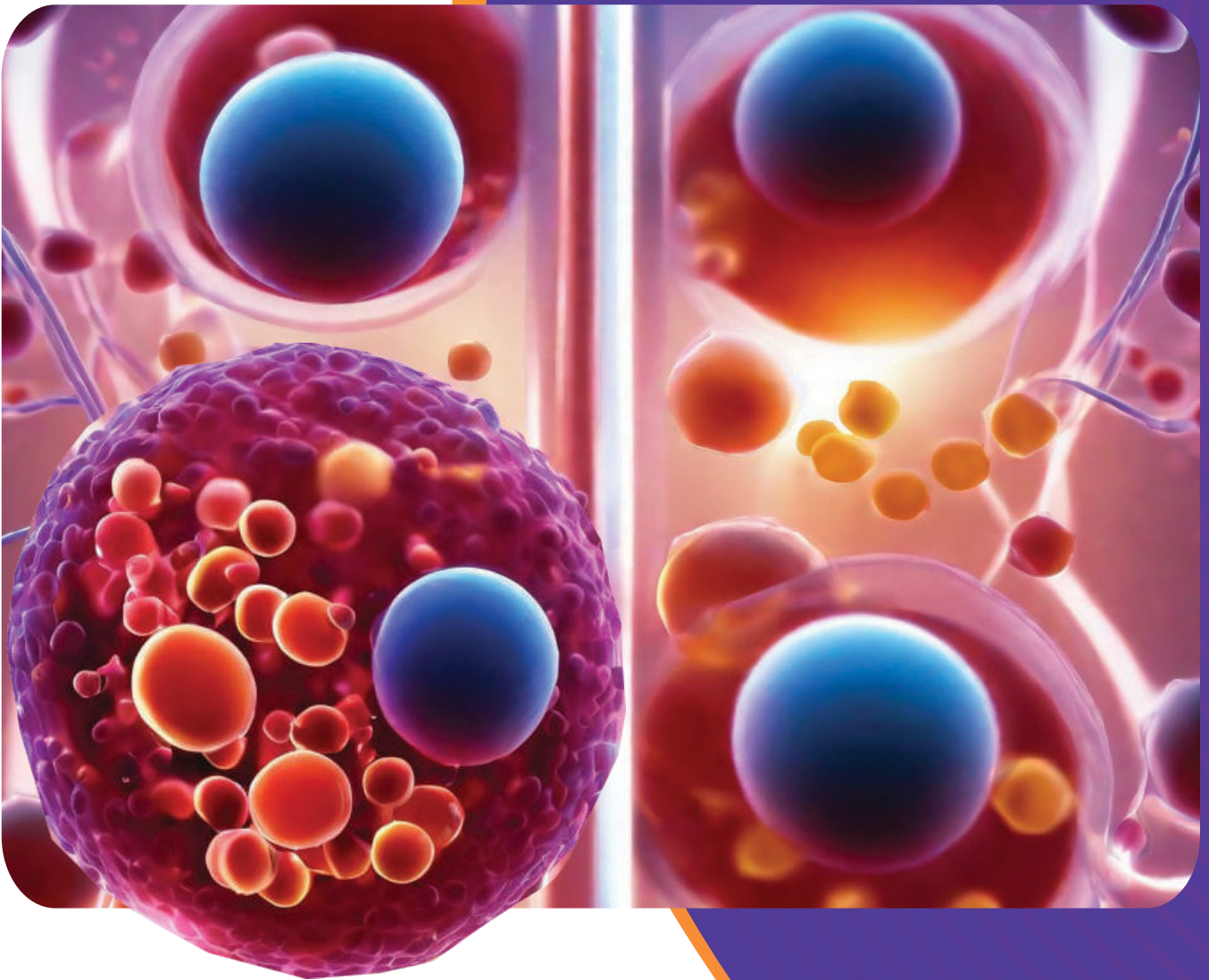
• India • UAE • South Africa • USA

Neu INSIGHTS



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DIAGNOSTICS

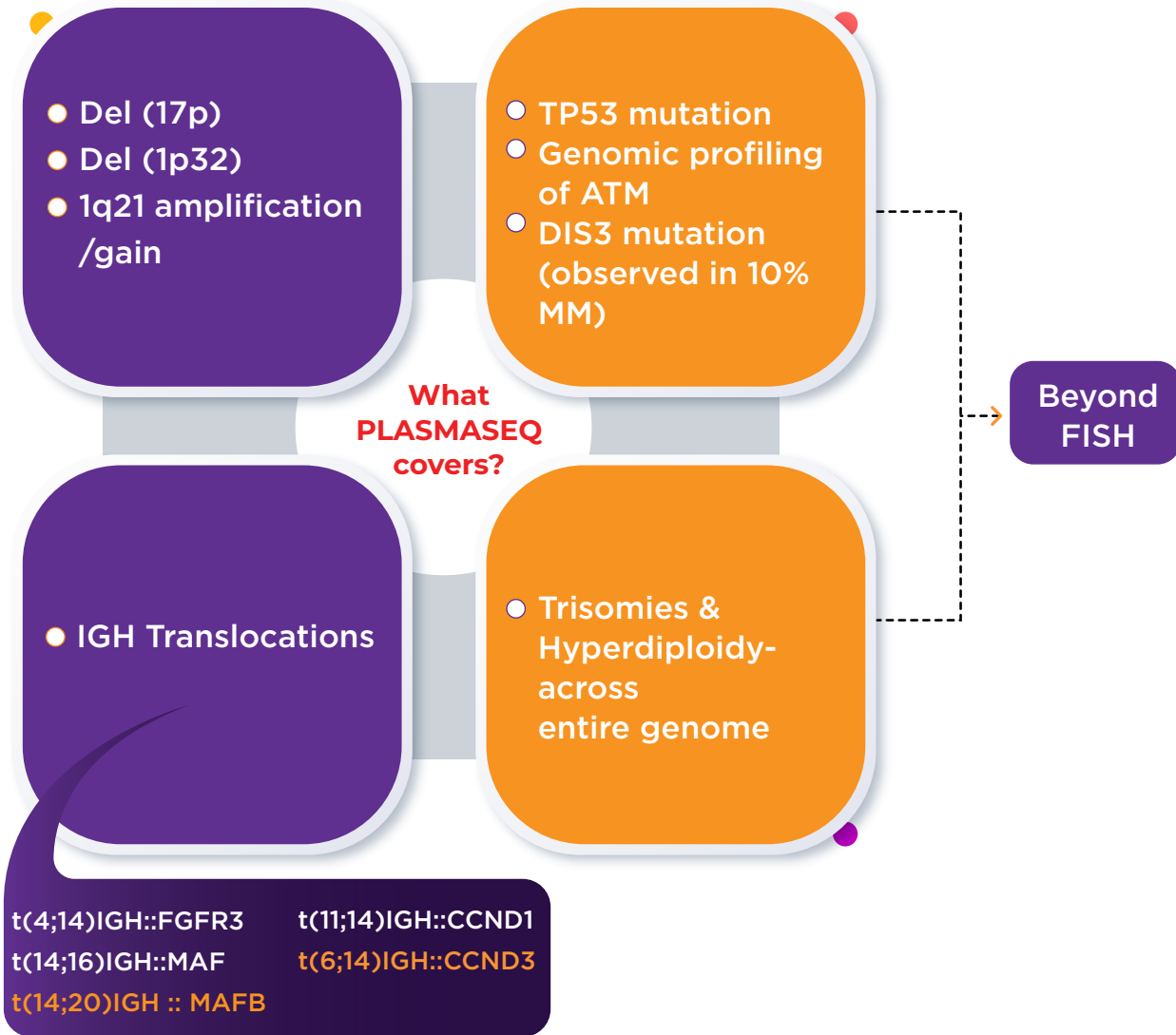
CENTER FOR
GENOMIC
MEDICINE



PLASMASEQ

*“Discover the Undiscovered with
NGS Based Assay for Multiple Myeloma”*

1 Stop Solution For Genetic Classification of Multiple Myeloma



Our USPs*

1st Time in India
Commercial lab offering this test

10_{ng} Validated for as low as 10ng of DNA sample

1000⁺ Samples Validated in 3 countries with >95% accuracy

FAB over Conventional Methods

F Features



Eliminates the need of multiple assays like FISH and Karyotyping



Able to pick up mutations including TP53 and others which are not checked by FISH

A Advantage



Sample is not a limiting factor unlike in FISH where search for IGH partner can result into depletion of sample

B Benefits



Covers CNVs across the genome relevant to Myeloma; hence, trisomies in all relevant chromosomes can be detected which is not routinely checked by FISH.

Test Code	Test Name	Biomarkers Used	Clinical Significance	Incidence	FISH	NGS
MH020	PLASMA SEQ	<i>TP53 mutation</i>	High-Risk	1-7%	✗	✓
		<i>ATM</i>	Poor Prognosis	~4%	✗	✓
		<i>DIS3</i>	Poor Prognosis	10%	✗	✓
		<i>t(6;14)IGH::CCND3</i>	Standard-Risk	~4%	✓ / ✗	✓
		<i>t(14;20) IGH :: MAFB</i>	High-Risk	<2%	✓ / ✗	✓
		<i>Trisomies & Hyperdiploidy across the genome</i>	Standard-Risk	>40%	✓ / ✗	✓
		<i>Del (1p32)</i>	Poor Prognosis	~8%	✓	✓
		<i>Del (17p)</i>	High-Risk	5-20%	✓	✓
		<i>1q21 amplification/ gain</i>	Standard-Risk	40%	✓	✓
		<i>t(4;14) IGH::FGFR3</i>	High-Risk	15%	✓	✓
		<i>t(14;16) IGH::MAF</i>	High-Risk	3.5%	✓	✓
		<i>t(11;14) IGH::CCND1</i>	Standard-Risk	15%-20%	✓	✓

Sample must reach the lab within 48 hrs of sample collection. 1st pull of bone marrow sample is suggested.

Covered
 Not Covered
 Not Routinely Covered

Why



▶ **NABL accredited Lab**



▶ **CAP accredited Lab**



Global Reference Laboratories-Mumbai, Bangalore, Ahmedabad and Durban

Catering 5000+ labs Hospitals PAN India



200+ years of combined group experience with a highly dedicated team of scientific advisors

Serving across 33 Labs globally, 150+ Collection centers

High end Next Gen Technologies-Genomics, Proteomics, Metabolomics, Molecular Biology, Digital Pathology with state-of-art equipments