



InteGen
Innovative DNA Probes

INTEGEN DEVELOPS INNOVATIVE REAGENTS THAT ARE CLINICALLY USEFUL AND COST-EFFECTIVE TOOLS FOR THE CYTOGENETICS COMMUNITY.

We offer multi-color metaphase and interphase chromosome profiling, including our **Rapid FISH with 15-minute hybridization**.

InteGen Probes:

- 1) detect balanced, unbalanced, and Robertsonian translocations
- 2) provide high-resolution breakpoint assignment
- 3) characterize marker and add chromosomes
- 4) detect balanced and unbalanced sub-telomere rearrangements

Our multiplex probe design saves technologists' time and reagent costs, guaranteeing that our prices are the most cost-effective on the market. We also offer **custom probes**. With multiple-sequential hybridizations and a simple two dual filter detection system, you will be able to achieve comprehensive genome coverage/profiling with our probes on as few as a single cell.

InteGen

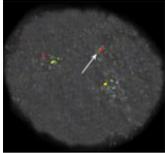
8865 Commodity Circle, Suite 2 • Orlando, FL 32819 • 407-545-6428

www.integenllc.com

OUR PRODUCTS

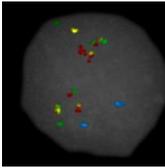
INTERPHASE CHROMOSOME PROFILING

STANDARD RESOLUTION



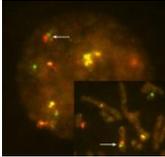
Standard Resolution ICP probes detect all numerical and structural abnormalities identified in conventional cytogenetic studies. The analysis time is the same or less than a G-banded study, with guaranteed results.

HIGH RESOLUTION



High Resolution ICP probes detect all numerical and major structural abnormalities, determine breakpoints at a higher resolution, and characterize derivative, marker, and add chromosomes. These HR probes guarantee complete karyotype results and is the preferred reflex option for conventional cytogenetic failures.

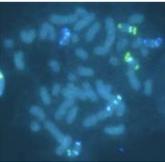
ACROCENTRIC



The **Acrocentric Probe Mix** contains chromosomes 13, 14, 15, 21, and 22 with distinct pericentromeric signals. It was designed to detect both balanced and unbalanced Robertsonian translocations.

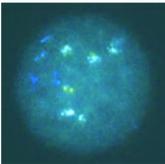
MULTIPLEX INTERPHASE CHROMOSOME PROFILING

ACUTE LYMPHOCYTIC LEUKEMIA (ALL)



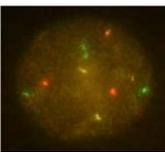
Multiplex ICP for ALL detects all clinically relevant numerical and structural abnormalities, while also detecting cryptic balanced and unbalanced rearrangements, novel terminal deletions (including the IgH variable region), and all clinically relevant deletions and duplications/amplifications.

MULTIPLE MYELOMA



Multiplex ICP for Multiple Myeloma detects all clinically relevant numerical and structural abnormalities. These probes detect more abnormalities than standard FISH, while also being able to detect the novel Xq duplication.

PRE/POST-NATAL



Multiplex ICP for Pre/Post-natal is available in two formats: **Basic** detects aneuploidy of all chromosomes and all common microdeletions; **Comprehensive** additionally detects arm-specific rearrangements such as deletions and duplications of all chromosomes. With our breakthrough **Rapid 15 MINUTE hybridization**, we guarantee results while also allowing IVF clinics to offer fresh embryo transfer.

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