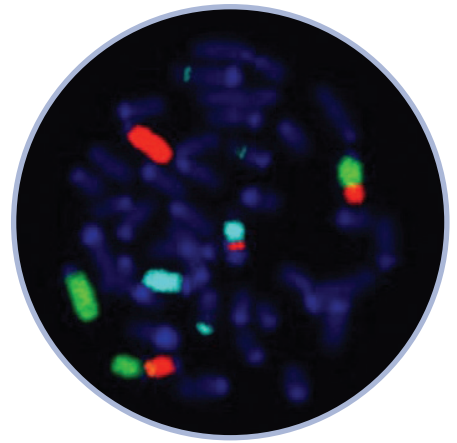
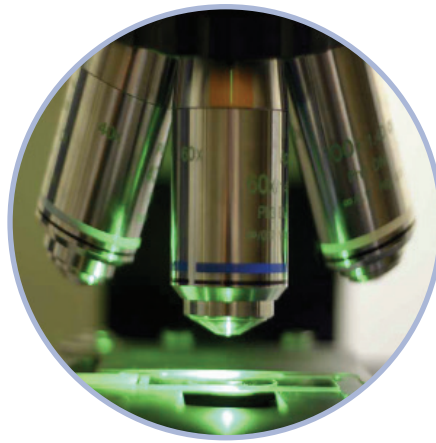
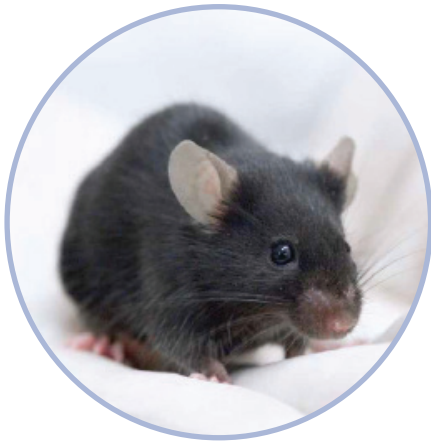


Chromoprobe Multiprobe[®] OctoChrome[™] Murine

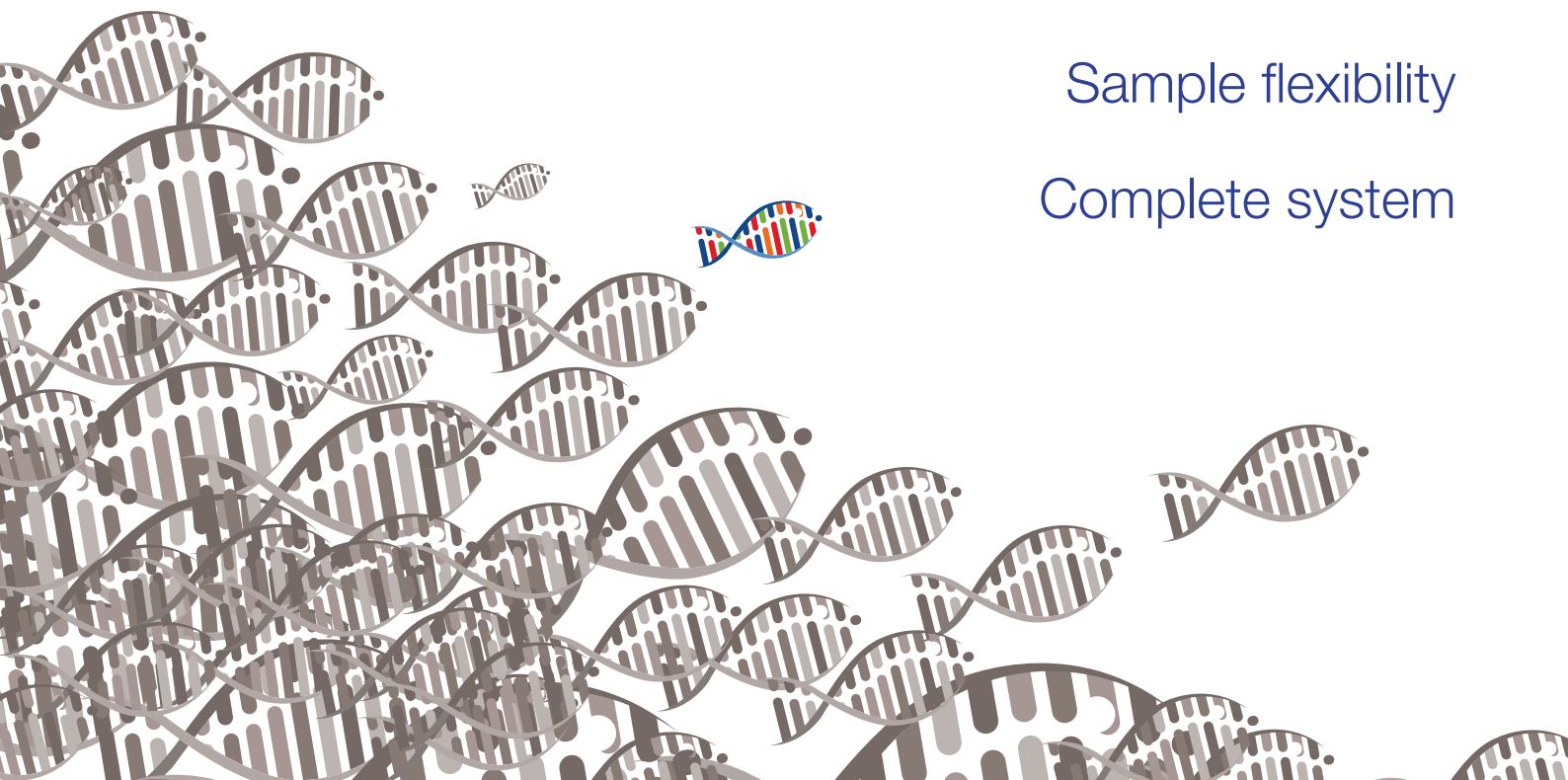


Optimised and simple protocol

Easy to use

Sample flexibility

Complete system



Chromoprobe Multiprobe OctoChrome Murine

The Cytocell Chromoprobe Multiprobe OctoChrome Murine (OctoChrome Murine) is designed to identify aneuploidies and translocations present in the entire mouse karyotype. The system utilises mouse whole chromosome Painting (WCP) probes directly labelled in 3 different colours, which allows the visualisation of chromosomal abnormalities under the fluorescence microscope without expert knowledge of the mouse karyotype.

The OctoChrome Murine delivers

- **Optimised and simple FISH protocol** — A simple FISH hybridisation without pepsin, RNase treatment or paraformamide fixation and wash procedure, allows simultaneous analysis of the entire genome on one slide
- **Easy to use** — Template slides with marked areas corresponding to squares of the Multiprobe device; allow cell cultures to optimally contact the probes during hybridisation for high quality results
- **Sample flexibility** — The OctoChrome Murine is developed to work with metaphase and interphase cultures prepared in standard 3:1 methanol, acetic acid fixative as well as mouse sperm cells
- **Complete system** — The OctoChrome Murine includes ancillary reagents required (DAPI and hybridisation mix) for straightforward processing

	1,4,14	2,5,15	3,7,16	6,8,17
	10,9,18	12,11,19	X,13,Y	

Figure 1: The OctoChrome Murine device layout. Each square of the OctoChrome Murine device carries mouse whole chromosome painting probes for three different chromosomes labelled in red, green and aqua blue (Texas Red[®], FITC and aqua spectra, respectively); these probes are reversibly dried on to the first 7 squares of the device using a proprietary process. FISH signals are visible simultaneously with a DAPI/FITC/Texas Red[®] triple filter or individually through specific single fluorescence filters

Cytocell ZooFISH myProbes

- The arrangement of chromosome combinations on the OctoChrome Murine can be customised according to requirements
- Cytocell Aquarius[®] Murine Whole Chromosome Painting probes are also available

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