

Materials List for:

Chromosomics: Detection of Numerical and Structural Alterations in All 24 Human Chromosomes Simultaneously Using a Novel OctoChrome FISH Assay

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Materials

| Name | Company | Catalog Number | Comments |
|---------------------------|----------------------------------|----------------|---|
| OctoChrome Kit | Cytocell Ltd. | PMP 803 | |
| phytohaemagglutinin (PHA) | Invitrogen | 10576-015 | |
| Colcemid | Invitrogen | 15212-012 | |
| Carnoy's fixative | | | Methanol : glacial acetic acid = 3: 1 |
| Fluorescence microscope | | | Equipped with filters to view DAPI, Texas Red, FITC, and Coumarin spectra individually and a DAPI/ FITC/Texas Red triple filter to view different colors simultaneously |
| Metafer software | MetaSystems, Altussheim, Germany | | Facilitate to locate all metaphases and to re-evaluate the abnormalities |