

Materials List for

# May-Grunwald Giemsa Staining: A Method to Stain Bone Marrow Cells

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URL: <https://www.jove.com/video/20264>

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## Materials

| Name                                          | Company                 | Catalog Number | Comments           |
|-----------------------------------------------|-------------------------|----------------|--------------------|
| C1498 cell line                               | ATCC                    | TIB 49         |                    |
| 2-Mercaptoethanol, Gibco                      | ThermoFisher Scientific | 21985          |                    |
| Fetal Bovine Serum (FBS)                      | ThermoFisher Scientific | 10270          |                    |
| HEPES, Gibco (1 M)                            | ThermoFisher Scientific | 15630          |                    |
| Penicillin-Streptomycin, Gibco                | ThermoFisher Scientific | 15140          |                    |
| RPMI 1640 Medium (Gibco, GlutaMAX Supplement) | ThermoFisher Scientific | 61870          |                    |
| Trypan blue solution (0.4 %)                  | ThermoFisher Scientific | 15250-061      | concentration 1/2  |
| Chamber & filter card (EZ Cytotunnel Shandon) | Thermo Scientific       | A78710003      |                    |
| May-Grünwald solution                         | RAL Diagnostics         | 320070         |                    |
| Giemsa R solution                             | RAL Diagnostics         | 320310         | concentration 1/20 |
| pH 6.8 buffer solution                        | RAL Diagnostics         | 330368         |                    |
| Slides (Starfrost - ground edges 90)          | Knittel Glass           | VS1137# 077FKB |                    |
| Microscope Cover Glasses, 24 x 24mm           | Knittel Glass           | VD1 2424 Y100  |                    |
| Shandon Cytospin 3 Cytocentrifuge             | ThermoFisher Scientific |                |                    |