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| Nanoparticles | Antibody | Dyes | Buffer Solution |
| gold colloid 100nm | Goat pAb Rb IGg  dyelight 550 | Hoechst 33342 | HI7010 |
| gold microrods | Goat pAb Ms IgG | Nile red | HI7007 |
| gold nanorods 780 nm | mouse IgG kappa monoclonal | alexa Fluor Runx2  sc-390351 | HI7004 |
| Silver Nanocubes 100 nm | MOUSE mAb to cardic | Methylene blue | Phosphate Buffered Saline   (PBS)    (5) |
| Silver nanoplates, pvp 650 nm | recombinant human cardiac troponin    (2) | phenol red | Dulbecco's Phosphate Buffered Saline 1%      (4) |
| gold colloid    250 nm | mouse mAb to cardiac troponin T | Fluorescent Sodium salt |  |
| gold nanorods    780 nm | Human Estradiol ELISA | Safran O |  |
| gold nanosphere, Bare (citrate) 60 nm | ANTI-RABBITIgG (H+L) | Dimethyl sulfoxide-d6 |  |
| gold nanosphere 40 nm | m-IgG | yellow-Green Fluorescence ps latex 0.19 um, 0.1 um, 0.5 um |  |
| Fullerene-c60 | mouse monoclonal IgG | FM 4 -64        (9) |  |