

Fluorescent Dyes & Probes for Life Dyes & Beads

In Vitro Diagnostic Materials

Protein Labeling for Antigen/Antibody Tests



Fluorescent bead



Europium bead

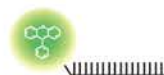


Colorimetric bead

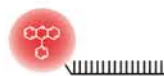


Fluorescent Dye

Nucleic Acid Tagging for DNA/RNA Analysis



Phosphoramidite Dye



NHS Ester Dye



PCR Probe Synthesis



Magnetic Bead

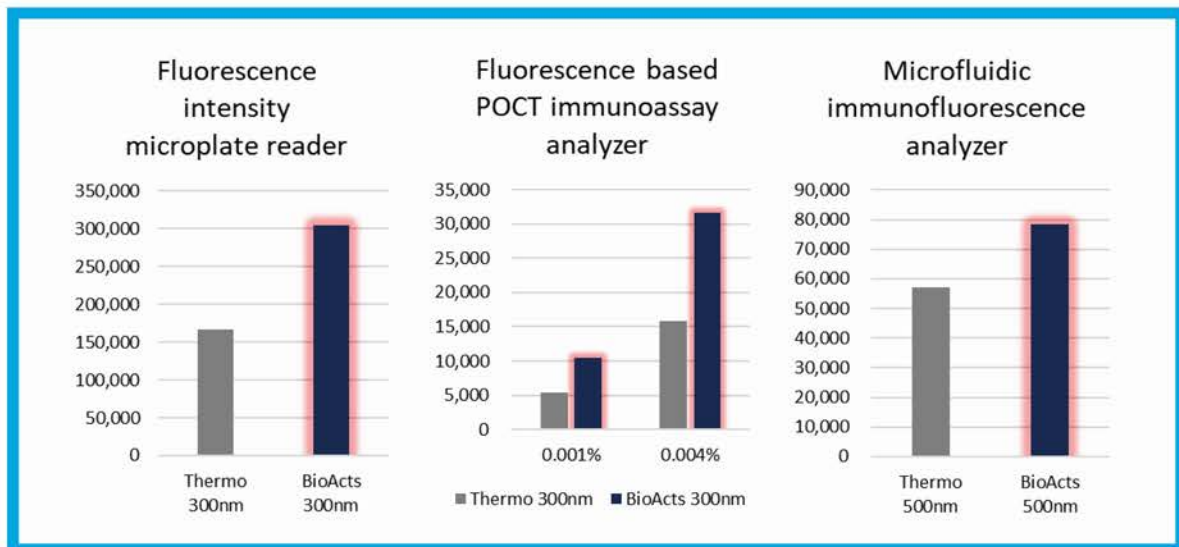
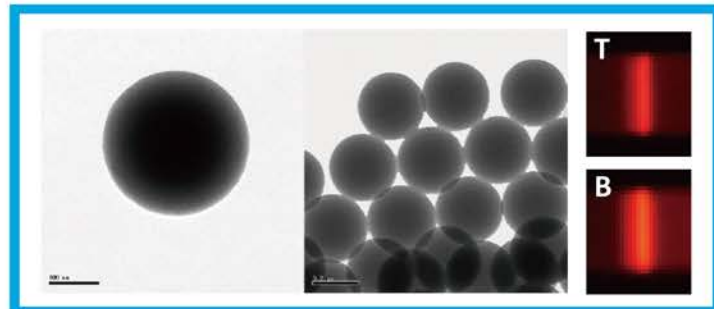
All products are developed and manufactured by BioActs

Polymer Beads for Immunoassay



Fluorescent bead

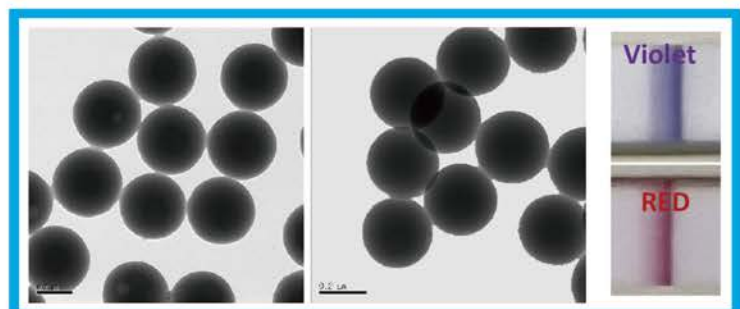
- Polystyrene polymer
- Size : 200/300/500 nm
- Surface : Carboxylic acid
- Test : Rapid/LOC chip



Colorimetric bead



- Polystyrene polymer
- Size : 200/300/500 nm
- Surface : Carboxylic acid
- Test : Rapid

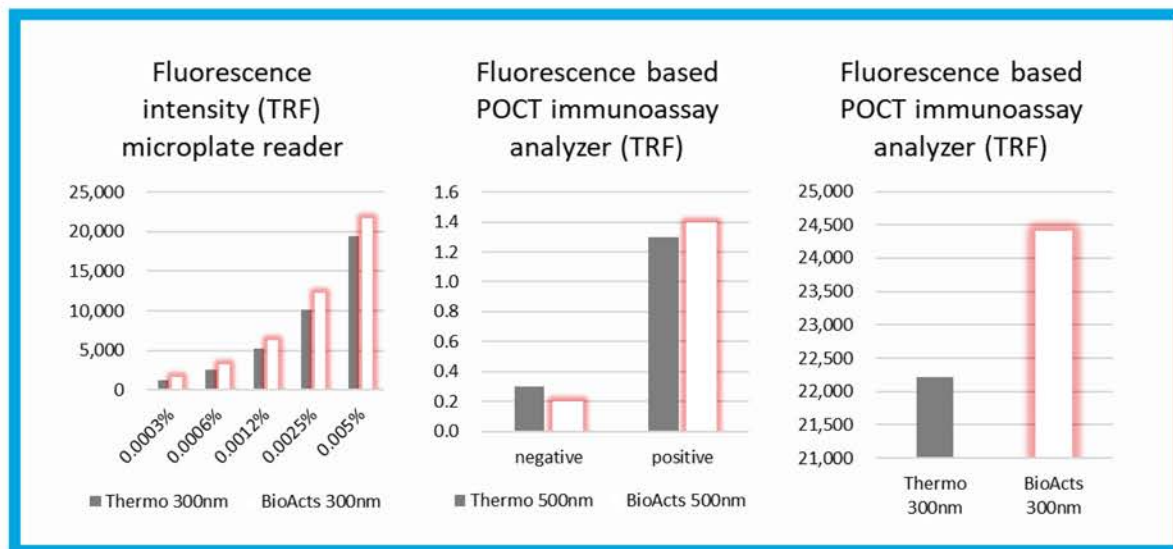
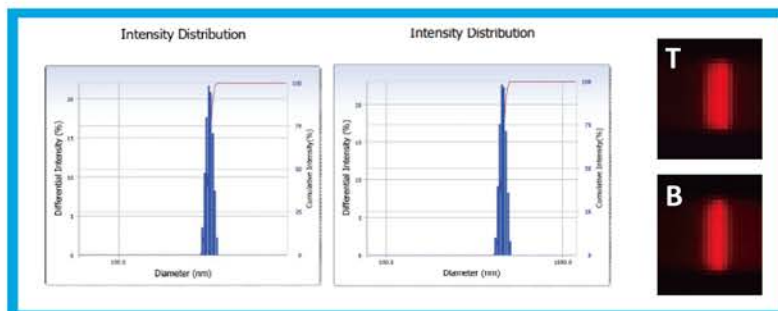


Polymer Beads for Immunoassay



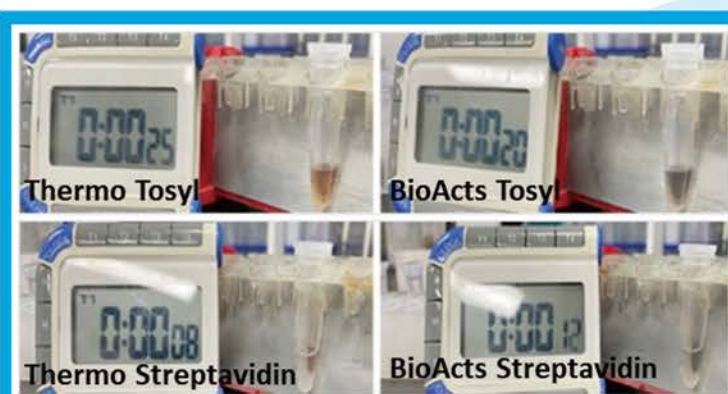
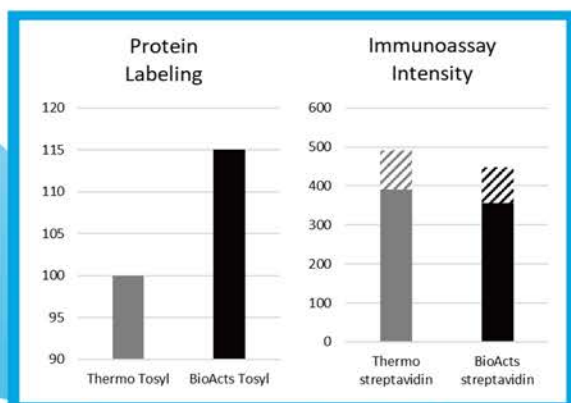
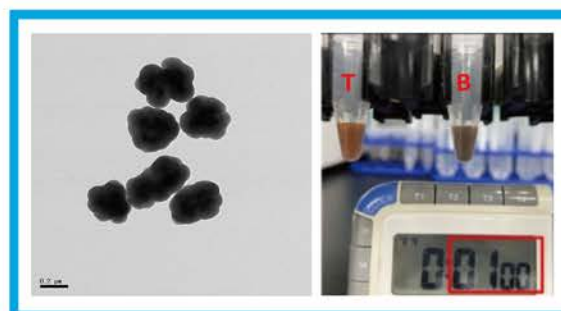
Europium bead

- Polystyrene polymer
- Size : 200/300/500 nm
- Surface : Carboxylic acid
- Test : Rapid (TRF mode)



Magnetic bead

- Silica coated iron oxide nanoparticle
- Size : 300 nm
- Surface : -COOH/-OH/-NH₂ /Tosyl/Streptavidin
- Test : Immunoprecipitation

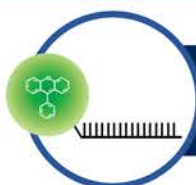
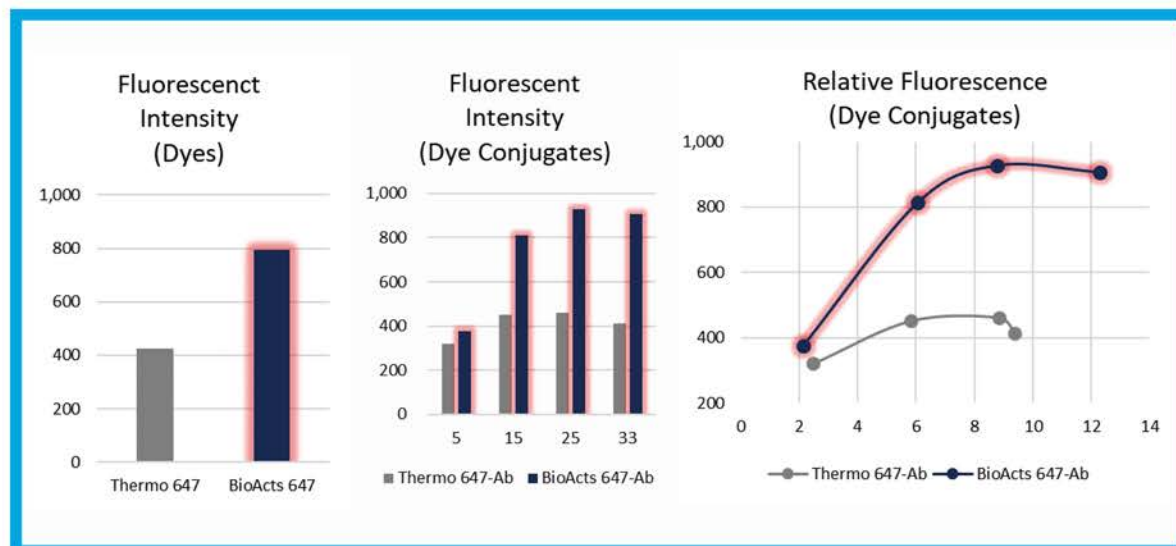


Fluorescent Dyes for In Vitro Diagnostics



Fluorescent Dyes for Immunoassay

- Organic Dyes
- Wavelength : 651nm /667nm
- Reactive Group : NHS ester
- Application : Rapid



Fluorescent Dyes for Oligo Synthesis

Fluorophore	BioActs Dye	Reactive Type	Ex./Em.
FAM	6-FAM	NHS easter/ Phosphoramidite	495/520 492/518
TET	6-TET	NHS easter/ Phosphoramidite	521/536 519/535
JOE	6-JOE	Phosphoramidite	520/545
HEX	6-HEX	NHS easter/ Phosphoramidite	535/556 533/549
Cy3	Flamma 552 NA	NHS easter/ Phosphoramidite	553/570 555/570
Cy3.5	Flamma 581 NA	NHS easter/ Phosphoramidite	590/608 581/596
TAMRA	TAMRA	NHS easter/ Phosphoramidite	553/578 556/580
Texas Red	Flamma 594 NA	NHS easter	583/603
Cy5	Flamma 648 NA	NHS easter/ Phosphoramidite	646/665 646/662
Cy5.5	Flamma 675 NA	NHS easter/ Phosphoramidite	686/709 694/710



PCR Probe Synthesis

Contact us

Headquarter: BA Tower 10F, 9 Cheongneung-daero
595beon-gil, Namdong-gu, Incheon, Korea, 21666
PHONE: +82-32-818-9100 FAX: +82-32-818-8206
Mail: support@bioacts.com or ivd@bioacts.com
Website: https://www.bioacts.com/contact/contact_us.php