

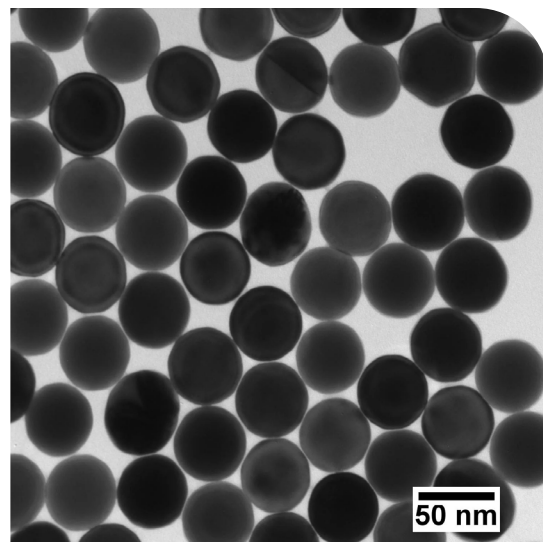
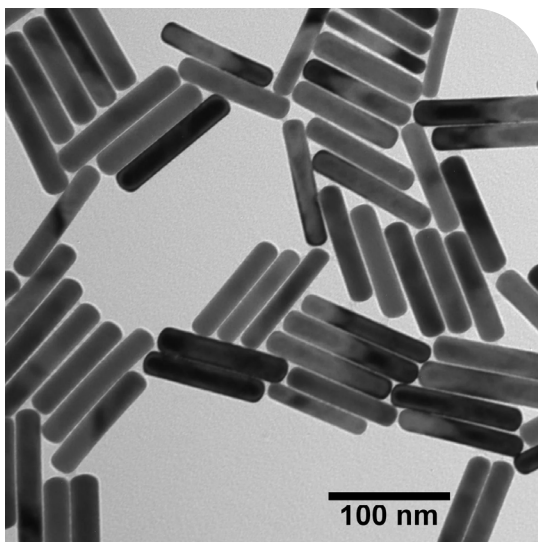
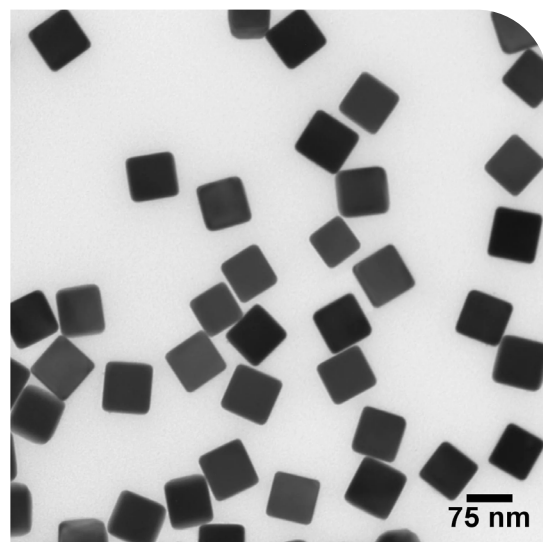
# Nanoparticles for Research, Development & Commercialization

nanoComposix is now a Fortis Life Sciences Company. For over 15 years, we have manufactured an extensive range of nanoparticles, including gold, silver, platinum, silica, and magnetite nanoparticles, with varying sizes, shapes, and surface modifications to make hundreds of variants available for a broad range of applications, including Lateral Flow Immunoassays, Biosensors, Imaging, Therapeutic Research, and more.

We also offer custom nanoparticles to meet precise requirements, and have dedicated nanoparticle chemists available to address any technical questions.

## Why Choose Us?

- High-quality materials provided with rigorous characterization at all volumes—from development to commercial supply.
- ISO 13485 certified Quality Management System, ensuring consistent quality.
- Scaled GMP manufacturing is available for many materials.
- Competitive pricing across our expansive portfolio.
- Custom solutions for precise requirements.



Learn more about our catalog and custom nanoparticles at [fortislife.com/nanoparticles](https://fortislife.com/nanoparticles)

## Our Catalog Nanoparticles

 Gold Nanospheres	 Silica-Shelled Gold Nanospheres
 Gold Nanoshells	 Gold Nanorods
 Silver Nanospheres	 Silica-Shelled Silver Nanospheres
 Silver Nanoplates	 Silver Nanocubes
 Silica Nanospheres	 Mesoporous Silica Nanospheres
 Magnetite Nanoparticles	 Platinum Nanoparticles

## Our Application Focus Areas

**Lateral Flow Immunoassays:** Gold nanoparticles are commonly used in lateral flow assays (LFA) as reporter probes. We offer high-quality, bulk gold nanoparticles and gold nanoshells for high-sensitivity lateral flow applications.

**Biosensors & Imaging:** Metallic nanoparticles are used in many biosensing and imaging applications. We leverage our nanoparticle fabrication and functionalization expertise to develop and manufacture nanoparticles for a wide range of diagnostic technologies.

**Therapeutic Research:** Metallic, silica, and polymeric nanoparticles are increasingly used in therapeutic research. With expertise in nanoparticle fabrication and biofunctionalization, we work with clients to develop nano-enabled cancer treatments, topical therapeutics, vaccines, and more.

**Surface Enhanced Raman Spectroscopy (SERS) and Surface Enhanced Fluorescence (SEF):** Metallic nanoparticles like gold nanospheres and silver nanocubes can enhance fluorescence or Raman signals through surface plasmon resonance.

**Optical Effects:** By carefully engineering material, shape, size, and surface chemistry, we can tune the optical properties of metallic and metal oxide nanoparticles to suit the unique requirements of display technologies, consumer goods, and more.

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