

# Bioassayplus Inc.

4510 Rhodes Dr., Windsor, Canada N8W 5K5

## Certificate of Analysis

**Product name:** Colloid gold

**Catalog #:** colloidgold

**Description:** Gold nanoparticles are an important material to label protein and antibody for the development of lateral flow assay. The tiny particles have unique properties that make them ideal for detecting even the smallest amounts of biological molecules.

In addition to their diagnostic applications, gold nanoparticles are also being investigated for use in drug delivery and cancer therapy. These particles can be loaded with drugs or other therapeutic agents and then targeted to specific cells or tissues. This could lead to new and more effective ways to treat a wide range of diseases.

**Appearance:** Red

**Particle size:** 40nm

**Concentration:** 2 OD

**Buffer:** 1% sodium acetate

**Stability:** One year after manufacture ( tested in room temperature)

**Storage:** 4 to 8°C, not freeze

**Applications:** Lateral flow assay or other purpose

