

40 nm Protein G Gold conjugate OD20

Reference	NF-PROTG-AU	Lot number	26008Y
Storage conditions	2-8°C protected from light. DO NOT FREEZE	Expiry Date	08 JAN 2028

Physico-chemical characteristics

pH **7.4**

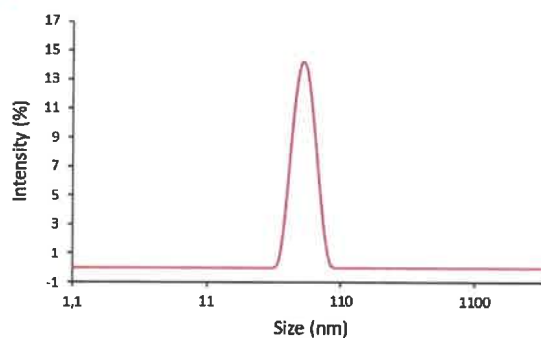
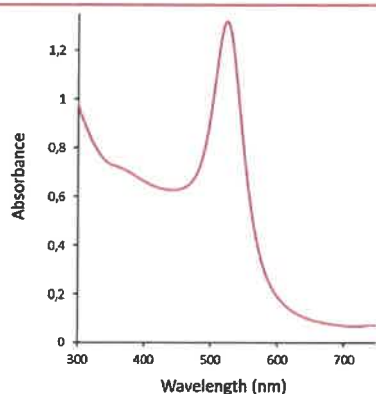
Storage Buffer **Borate 2mM ; 0.25% BSA ;
0.095% NaN₃ – pH7.3**

UV Visible spectroscopy

λ_{max} (nm)	523.5
Full width at half maximum (nm)	47.8
Optical Density (19-21)	19.7

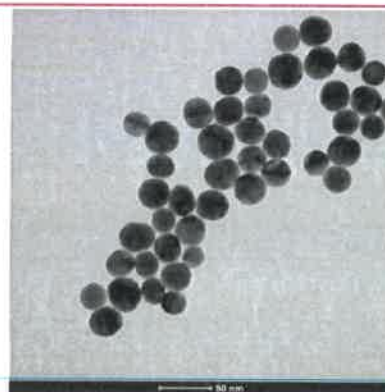
Dynamic Light Scattering (DLS)

Hydrodynamic diameter (nm)	64.5
Polydispersity index (≤ 0.3)	0.094
Particles concentration (particles/mL)	1.2E+11



Transmission Electron Microscopy (TEM)

Coefficient of variation on particles sizes ($\leq 13\%$)	11.1
Odd shapes on 100 particles ($\leq 1\%$)	0



Tecnai T20

Approval

Date	13 Jan 2026
QC representative	Alice Mattiuzzi
Signature	