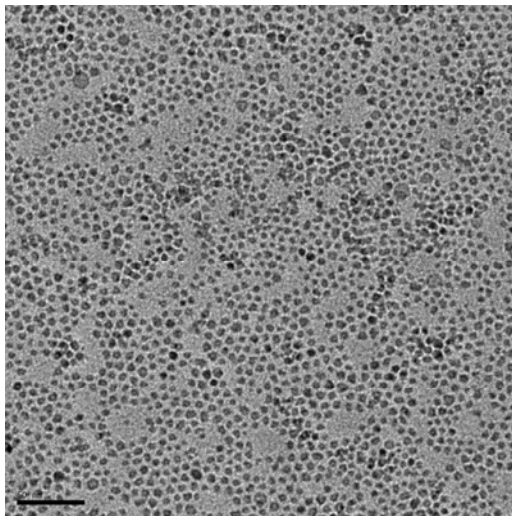


Technical Specification of Iron Oxide Nanocrystals Conjugated with Streptavidin

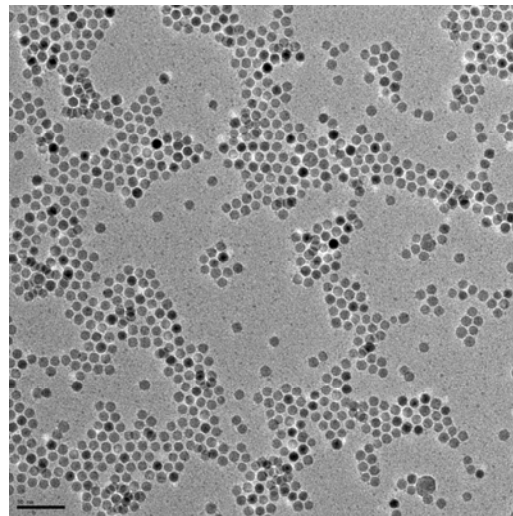
Product Number:	SHS
Product Name:	Iron oxide nanoparticles conjugated with streptavidin
Solvent:	50 mM borate buffer solution, pH 8.5
Surface group:	streptavidin
Storage:	4- 8 °C (DO NOT FREEZE)
pH stability:	5-10
Buffer stability:	Borate, Tris, HEPES, PBS, etc.
Shelf life:	3 months
Concentration:	1 mg/ml (Fe)

	SHS10	SHS15	SHS20	SHS25	SHS30
Iron oxide size (nm)	10	15	20	25	30
Size tolerance (nm)	2.5	2.5	2.5	2.5	2.5

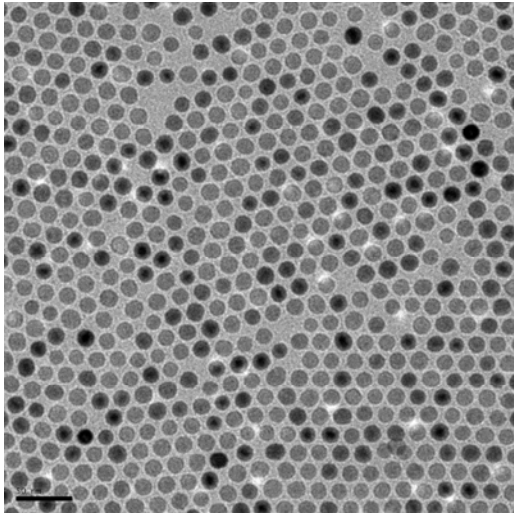
Spectra:



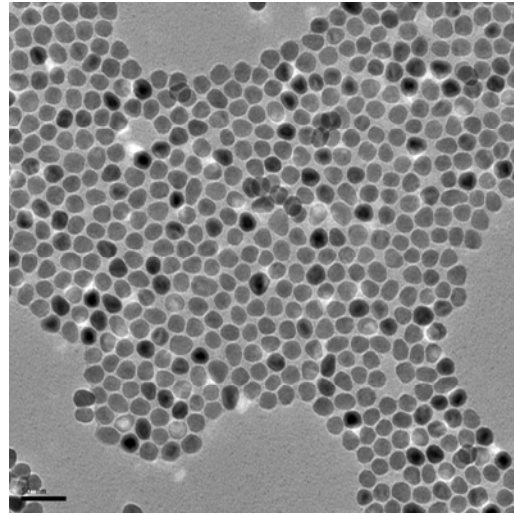
TEM image of 5 nm iron oxide nanocrystals



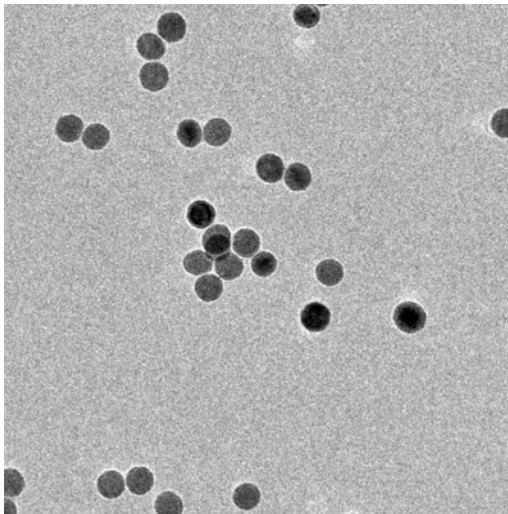
TEM image of 10 nm iron oxide nanocrystals



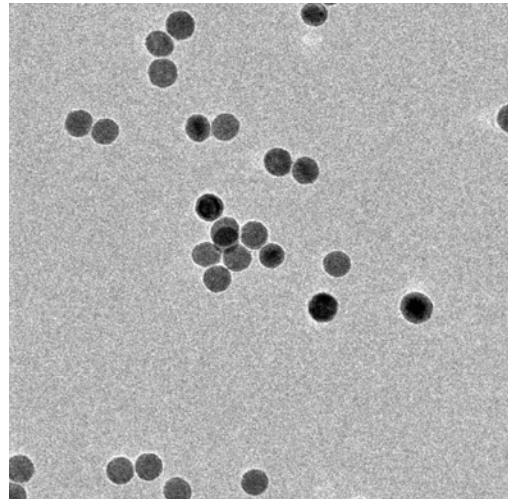
TEM image of 15 nm iron oxide nanocrystals



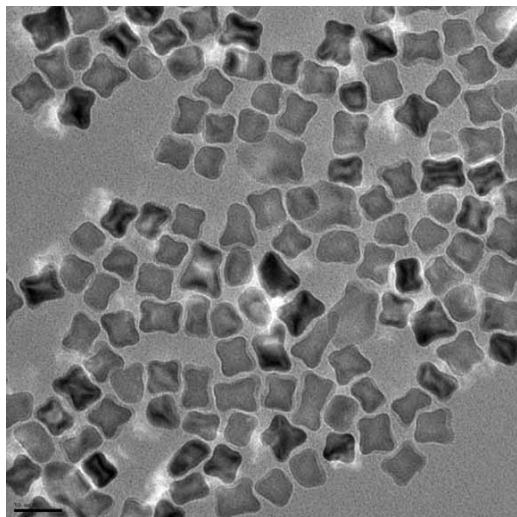
TEM image of 20 nm iron oxide nanocrystals



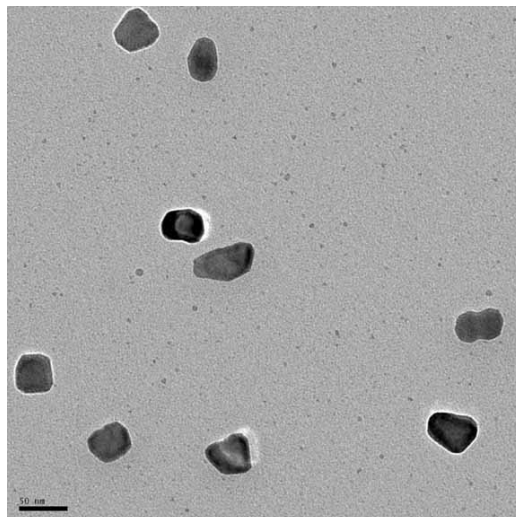
TEM image of 25 nm iron oxide nanocrystals



TEM image of 30 nm iron oxide nanocrystals



TEM image of 40 nm iron oxide nanocrystals



TEM image of 50 nm iron oxide nanocrystals