

Materials List for:

Gold Nanostar Synthesis with a Silver Seed Mediated Growth Method

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URL: <https://www.jove.com/video/3570>

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Materials

Name	Company	Catalog Number	Comments
Sodium citrate tribasic dehydrate	Sigma-Aldrich	S4641	99.0 %
Silver nitrate	Aldrich	204390	99.9999 %
Sodium borohydride	Aldrich	213462	99 %
L-Ascorbic acid	Sigma-Aldrich	255564	99+ %
Gold chloride trihydrate	Aldrich	520918	99.9+ %
Hexadecyltrimethylammonium bromide (CTAB)	Sigma-Aldrich	H6269	
JEOL 2010-F	JEOL		Transmission electron microscope
Hitachi S-5500	Hitachi		Used in scanning electron microscope mode
Olis Cary-14 spectrophotometer	Olis		Spectrophotometer