

Materials List for:

Hydroquinone Based Synthesis of Gold Nanorods

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Materials

Name	Company	Catalog Number	Comments
Gold(III) chloride trihydrate	Sigma Aldrich	520918	
Hydroquinone	Sigma Aldrich	H17902	
Silver Nitrate	Sigma Aldrich	209139	toxic
Sodium Borohydride	Sigma Aldrich	480886	
Hexadecyltrimethylammonium bromide (CTAB)	Sigma Aldrich	H5882	Acute Tox. (oral). In this study we tested three different batches of CTAB (H5882) from Sigma Aldrich. Two of them were marked as made in China while one as made in India. In our experience only the batches marked as made in China were effective for the preparation of AuNR.
Spectrophotometer	Thermo scientific	Nanodrop 2000C	
TEM	JEOL	2100	