

Materials List for:

High Temperature Fabrication of Nanostructured Yttria-Stabilized-Zirconia (YSZ) Scaffolds by *In Situ* Carbon Templating Xerogels

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URL: <https://www.jove.com/video/55500>

DOI: [doi:10.3791/55500](https://doi.org/10.3791/55500)

Materials

Name	Company	Catalog Number	Comments
Zirconium(IV) chloride, 99.5+%	Alfa Aesar	12104	Air sensitive
Yttrium(III) nitrate hexahydrate, 99.9%	Alfa Aesar	12898	Oxidizer
D+ Glucose Anhydrous, ≥99.5%	US Biological Life Sciences	G3050	
(±)-Propylene Oxide, ≥99%	Sigma Aldrich	110205	Extremely flammable
Ethanol 200 Proof	Decon Laboratories, Inc.	2716GEA	
Argon, 99.997%	Airgas	AR 300	Industrial grade