

Materials List for:

# Gyroid Nickel Nanostructures from Diblock Copolymer Supramolecules

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URL: <https://www.jove.com/video/50673>

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## Materials

Name	Company	Catalog Number	Comments
<b>Reagents</b>			
PS- <i>b</i> -P4VP, CAS: 26222-40-2	Polymer Source Inc.	P9009-S4VP P136-S4VP P5462-S4VP P3912-S4VP	additional information are provided in a separate table
PDP	Aldrich	P4402-100G-A	recrystallized twice from petroleum ether
SnCl <sub>2</sub>	Acros Organics	196981000	
PdCl <sub>2</sub>	Aldrich	76050	
NiSO <sub>4</sub> ·H <sub>2</sub> O	Sigma-Aldrich	227676	
Lactic acid	Aldrich	W261106	
Citric acid trisodium salt	Sigma-Aldrich	C3674	
Borane dimethyl amine complex	Aldrich	180238	
<b>PS-<i>b</i>-P4VP catalogue number</b>	<b>Mn (PS), g/mol</b>	<b>Mn(P4VP), g/mol</b>	<b>PDI</b>
P9009-S4VP	24000	9500	1.1
P136-S4VP	31900	13200	1.08
P5462-S4VP	37500	16000	1.3
P3912-S4VP	41500	17500	1.07