

Materials List for:

# Patch Clamp Recordings in Inner Ear Hair Cells Isolated from Zebrafish

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## Materials

Name	Company	Catalog Number	Comments
(a) NZR (Normal Zebrafish Ringer's) (in mM)	116 NaCl, 2 KCl, 2 CaCl <sub>2</sub> , 3 Glucose, 5 Na <sup>+</sup> -HEPES, pH 7.35.		
(b) NZR + Tricaine	NZR + 0.02% 3-aminobenzoic acid ethyl ester methane sulfonate (Sigma A5040).		
(c) NZR + BSA	NZR + 0.4% Bovine Serum Albumin (Sigma A2153).		
(d) LoCaS (Low Ca <sup>2+</sup> Solution) (in mM)	100 NaCl, 2 KCl, 0.05 CaCl <sub>2</sub> , 0.05 MgCl <sub>2</sub> , 3 Glucose, 30 Na <sup>+</sup> -HEPES, pH 7.35.		
(e) LoCaS + papain	LoCaS + 0.05% L-cysteine (Sigma C1276) + 0.2% papain (Sigma P3375).		
(f) K <sup>+</sup> -internal solution (in mM)	52 K <sub>2</sub> SO <sub>4</sub> , 38 KCl, 1 K <sup>+</sup> -EGTA, 5 K <sup>+</sup> -HEPES, pH 7.3.		

**Table 1.** Solutions.