

Materials List for:

Quantification of Ethanol Levels in Zebrafish Embryos Using Head Space Gas Chromatography

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URL: <https://www.jove.com/video/60766>

DOI: [doi:10.3791/60766](https://doi.org/10.3791/60766)

Materials

| Name | Company | Catalog Number | Comments |
|--|-------------------|----------------|--|
| Air | | | Provided by contract to the university |
| Analytical Balance | VWR | 10204-962 | |
| AutoSampler, CP-8400 | Varian | | Gas Chromatograph Autosampler |
| Calcium Chloride | VWR | 97062-590 | |
| Ethanol | Decon Labs | 2701 | |
| Gas chromatograph vial with polytetrafluoroethylene/silicone septum and plastic cap 2 mL | Agilent | 8010-0198 | Can reuse the vials after cleaning, but not the caps/septa |
| Gas Chromatograph, CP-3800 | Varian | | |
| Helium | | | Provided by contract to the university |
| HP Innowax capillary column | Agilent | 19095N-123I | 30 m x 0.53 mm x 1.0 µm film thick |
| Hydrogen | | | Provided by contract to the university |
| Magnesium Sulfate (Heptahydrate) | Fisher Scientific | M63-500 | |
| Microcentrifuge tube 1.5 mL | Fisher Scientific | 2682002 | |
| Micropipette tips 10 µL | Fisher Scientific | 13611106 | |
| Micropipette tips 1000 µL | Fisher Scientific | 13611127 | |
| Micropipette tips 200 µL | Fisher Scientific | 13611112 | |
| Petri dishes 100 mm | Fisher Scientific | FB012924 | |
| Pipetman L p1000L Micropipette | Gilson | FA10006M | |
| Pipetman L p200L Micropipette | Gilson | FA10005M | |
| Pipetman L p2L Micropipette | Gilson | FA10001M | |
| Polytetrafluoroethylene/silicone septum and plastic cap | Agilent | 5190-7021 | Replacement caps/septa for gas chromatograph vials |
| Potassium Chloride | Fisher Scientific | P217-500 | |
| Potassium Phosphate (Dibasic) | VWR | BDH9266-500G | |
| Pronase | VWR | 97062-916 | |
| Silica Beads .5 mm | Biospec Products | 11079105z | |
| Silica Beads 1.0 mm | Biospec Products | 11079110z | |
| Sodium Bicarbonate | VWR | BDH9280-500G | |
| Sodium Chloride | Fisher Scientific | S271-500 | |
| Sodium Phosphate (Dibasic) | Fisher Scientific | S374-500 | |
| Solid-phase microextraction fiber assembly Carboxen/ Polydimethylsiloxane | Millipore Sigma | 57343-U | Replacement fibers |

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|------------------------------------|-----------------|-------|-------------------------|
| Star Chromatography Workstation | Varian | | Chromatography software |
| Thermogreen Low Bleed (LB-2) Septa | Millipore Sigma | 23154 | Replacement inlet septa |