DNA Barcoding Lab Supply List

The below items and catalog numbers are the specific supplies used in the DNA barcoding protocol. Other reagents/products can also be used. Bio-Rad has developed preferred pricing for the CCURI network for items used in DNA barcoding, more information on the Bio-Rad pricing can be found here: <https://info.bio-rad.com/CCURI-Preferred-Pricing>

QIAGEN DNeasy Blood & Tissue Kit (50 reactions) – QIAGEN Catalog # 69504

QIAGEN QIAquick PCR Purification Kit (50 reactions) – QIAGEN Catalog # 28104

Gotaq PCR Master Mix (100 reactions) – Promega Catalog # M7122 (can be purchased from VWR)

SYBR safe

Sequencing Services – Genewiz ([www.genewiz.com](http://www.genewiz.com))

Dot labels for 1.5mL tubes – Diversified Biotech Catalog # SPOT-1000 ([www.divbio.com](http://www.divbio.com))

Insect Nets – Bioquip Catalog # 7612NA ([www.bioquip.com](http://www.bioquip.com))

Microscope Cell Phone Camera Adaptor - Skylightscope (<http://www.skylightscope.com/>)

Primers – Custom designed purchased through Integrated DNA Technologies ([www.idtdna.com](http://www.idtdna.com))

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| --- | --- | --- |
| Primer | Name | Sequence |
| Forward | LCO1490 | 5'-GGTCAACAAATCATAAAGATATTGG-3' |
| Reverse | HCO2198 | 5'-TAAACTTCAGGGTGACCAAAAAATCA-3' |

FinchTV software – Geospiza free download (<http://www.geospiza.com/Products/finchtv.shtml>)