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EcoDiagnostics

Innovative Molecular Microbiology

## Associations



## Professional Partners



# EcoDiagnostics



Innovative Molecular Solutions: Using DNA for Species Identification

## Who we are

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- NATA accredited facility to ISO 17025
- All testing Australian standard compliant
- Offering a range of custom services and turnaround times
- State-of-the art & fully automated robotic laboratory facilities
- Customisable high and low throughput options

EcoDiagnostics is proud to be the first laboratory in Australia to achieve NATA accreditation for real-time PCR based methods for water organisms



## Species Identification Services

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### DNA barcoding

- Identification of species using DNA Barcodes

### NGS

- Next Generation Sequencing to identify:
- Indicator species for stream/rivers health
- Using bio-surveillance traps to detect invasive marine pest
- Examining pitfall traps for Routine Surveillance
- Organisms in soil and tailings piles
- Aquifer biodiversity / Health

### qPCR

- Quantitative Polymerase Chain Reaction
- Yeast and Moulds
- Water pathogens
- Custom assays for detection of a particular organism within 6 hours