

eDNA Lizard Kit Instructions



WILDERLAB

Discovery through DNA

1. Tunnel accessory prep:

The tunnel accessory is sold and packaged separately, but will be needed alongside the Lizard Kit for this procedure.



NOTE: The tunnel accessory kit is sent from our production lab pre-sterilised for use. If re-using a tunnel from a previous purchase, please make sure to sterilise it after each use: soak in 10% bleach for 10 minutes, rinse with tap water and dry.



Take one pair of gloves from the kit bag and put them on. Peel the backing off the first adhesive nylon wool strip and stick it onto the floor of the tunnel at one end. Make sure the half-circle tab is protruding out of the tunnel

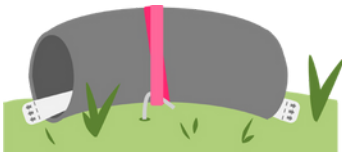


with the woolly side facing upwards. Repeat at the other end with the second adhesive nylon wool strip. Put the prepped tunnel back into the sterile silver pouch, ready for deployment.



Note that the tunnels have a slight bend and should be oriented in an 'n' position rather than a 'u', to prevent rainwater getting into the tunnel which can degrade DNA.

2. Field deployment:

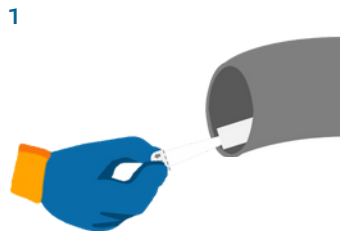


Take the peg out of the silver bag, hold it upright on the ground, and place the pink Velcro strap flat beneath the hook of the peg. Push/hammer the peg firmly into the ground, trapping the strap in place.

Take the prepped tunnel out of the silver bag and attach it to the peg by wrapping the pink Velcro strap around the tunnel. This should secure your tunnel in place.

If you are baiting the tunnels, you can use tweezers to place a small piece of canned pear into the middle of the tunnel between the two strips.

3. Retrieval:



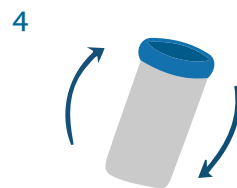
1 Wearing the remaining pair of gloves, take hold of the half-circle tab of one of the nylon strips and pull the tab away from the tunnel. While pulling, you can wrap the stretched glue around a pen or the peg to avoid the strip 'pinging' back. This should detach the nylon wool from the tunnel.



2 Put the nylon wool strip only (**with no sticky glue attached**) into the sample container. Repeat for the other strip, placing both strips into the same container.



3 Take the preservative syringe, remove the black tip, and squirt the full amount into the container with the strips. We recommend wearing safety glasses for this step.



4 Close the lid and shake the container thoroughly to coat the strips with as much preservative as possible.



5 Place the container back in the Lizard Kit bag and complete the sample information on the back of the bag.



If you would like more information including instructional videos, please scan the code to visit wilderlab.co/directions



Submit your samples online at wilderlab.co/submit-samples

Print and sign the Chain of Custody (CoC) form that will be emailed to you after online sample submission. Include this in the parcel with your samples (no refrigeration necessary).

Send your samples back to us within one month from collection

If this isn't possible, ensure that your samples are stored in a freezer at -20 °C until you send them.

Check your sample submission confirmation email for the address to post your samples back to us