



Company Presentation

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Technology.

What are Quantum dots?



Graphene Quantum Dots (GQDs) is a new advanced material made from carbon sources and are non-toxic. Dotz developed 50 different families



GQDs are an advanced multifunctional material with applications in bioimaging, in product, Biotech, LEDs lighter converters, solar cells, sensors and more



One of the most prominent features of GQDs is that they absorb photons of light, then re-emit photons at a different wavelength. For example, when exposed to UV light, GQDs fluoresce



The fluorescence color can be tuned by changing the size or doping of the particle and will have a unique digital signature

The challenge.

Product protection and Brand authentication



Alcohol



Industrial
fluids



Premium
consumer
products



Industrial
products



Safety and
health



Pharma-
ceuticals



Tobacco

\$2.8 TRILLION PRODUCTS ARE COUNTERFEITED

total of 3.3% from the world's GDP, and rising

- Regulations becoming stricter
- Validating product ownership becomes common
- Covid19 will cause a wave of fake goods including medical essentials

What we do

Disrupting the anti-counterfeiting and tracing industry by providing a game-changing end-to-end security and tracing solution, that is:

- Marking the bulk substance with no impact to properties
- Economical
- Eco-friendly
- Accompanied by on-site detectors
- Extensive markers portfolio
- Withstand harsh conditions
- Impossible to reverse-engineer

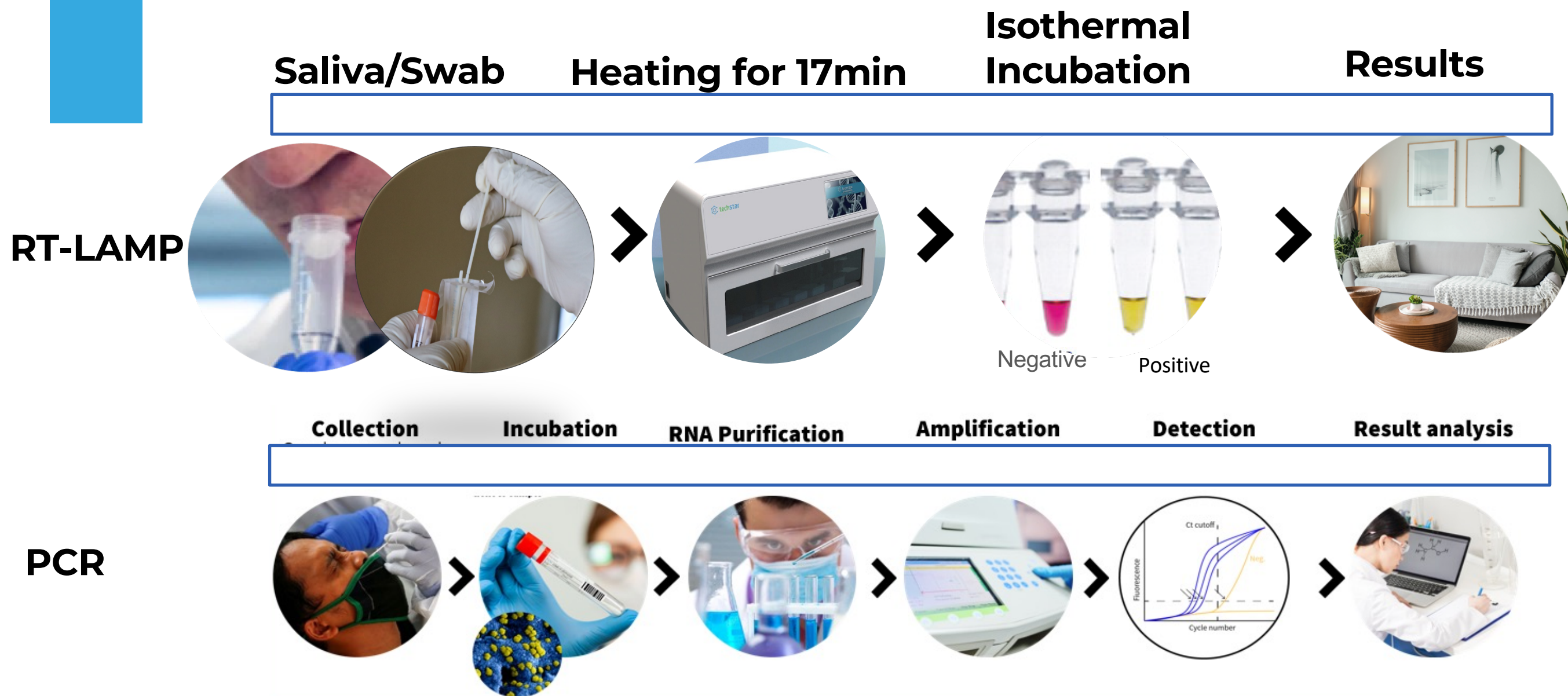


Our Unique Technology

- Impossible to Reverse engineer
- Smartphone detection
- Anti-counterfeiting, Tracers, Bio Imaging
- No royalties (fully owned patents)
- Multiple layers - 3 security levels with one product:
 - Covert, Semi-forensic Forensic
- Fluorescent marking fully adapted by market
- Overall solution. Large companies (forensic for product liability), small distributing centers (semi-forensic), to end user back home (utilizing a 1\$ LED light)



Current “Golden-Standard” vs. Dotz™ Diagnostics



Dotz Diagnostics Solution- latest .

Key points:

The US\$2.1m purchase order is for the supply of Dotz's nasopharyngeal swab and saliva-based Test Kits for the next six months for use in the UAE, Egypt and Sudan.

The Dotz Test Kits will be shipped monthly with 50% of each monthly shipment paid upfront and the remainder on delivery.

The distribution agreement grants Hygiene Links the exclusive right to sell the Dotz Test Kits in the UAE, Egypt and Sudan for an initial two year term, subject to minimum purchase orders being met.

Dotz has entered into a non-exclusive manufacturing agreement with USA-based Systaaq Diagnostic Products to manufacture its nasopharyngeal swab and saliva-based Test Kits.

Dotz has obtained CE Mark authorisation for its nasopharyngeal swab and saliva-based Test Kits and is currently awaiting US FDA Emergency Use Authorisation approval.



Active V-SRD with Dotz Inside- Latest

Key points

In April, Dotz signed five-year supply and distribution agreements for a verifiable surface sanitisation solution with Zohar Dalia Professional Ltd, a subsidiary of Zohar Dalia Cooperative Agricultural Association Ltd - Israel's largest manufacturer supplier of detergent intermediates and cleaning products.

Zohar Dalia's Active V-SRD product was tested in experimental conditions that reflected as much as possible real conditions over the following key time periods: after 24 hours, 48 hours and 72 hours.

Under the exclusive supply agreement, Dotz will supply its non-toxic molecular markers and detectors for use with Zohar Dalia's slow-release disinfectant, exclusively licensed from the Israel Ministry of Defense.

The non-exclusive distribution agreement enables Dotz to promote and sell the Active V-SRD product in multiple approved markets, including the UK, India, Italy, France, Australia, Germany, Spain and throughout Africa.

The agreements follow a successful pilot where Dotz marked 1,000 litres of Zohar Dalia's disinfectant with its security taggants to verify proper surface sanitisation within Tel Avi Ben Gurion Airport as well as other public places.



Long-lasting protection



Verifiable protection



Cost - effective protection



Dotz.

Thank you.

