

Palm PCR™ Fast COVID-19 Assay

❖ Ultra-fast **COVID-19** RT-PCR Diagnosis

Part No. DX5011

- **The Shortest RT-PCR Time: ≤ 24 min** on *Palm PCR™* S1/S1e device
- **High Throughput: 396 samples** per 8 hours
- **High Sensitivity & Specificity:** 100% PPA and 100% NPA
- **Fully-Mobile:** Temperature-resistant lyophilized Premix assay on the battery-operated mobile *Palm PCR™* S1/S1e device



Product Components

Component	Quantity	Cap color
Premix (lyophilized)	50 tests x 2	Green
Reconstitution buffer	850 µL x 4	Yellow
Positive Control	100 µL	Red
Negative Control	500 µL	Blue

❖ Assay Format and Accuracy

- **SARS-CoV-2 Specific Test:** Detect the SARS-CoV-2 specific **RdRP gene** with no cross-reactivity.
- **Ultimate High Sensitivity:** Detect **down to 5 copies/reaction** of SARS-CoV-2 (LoD: 5.3 copies/reaction).
- **100% Accuracy :** 100% PPA and 100% NPA in the clinical evaluation

Advantages of Lyophilized Premix Format:

- ✓ **Longer shelf life** - 12 months from the production
- ✓ **Cheaper shipping cost** - Ice pack shipment (no dry ice shipment)
- ✓ **Simple & Easy to use** - Just add Premix + Sample (no multi-component preparation)
- ✓ **Sensitivity and Accuracy** - guaranteed

