



CORPORATE REOPENING

COVID-19 RT-PCR POOL TESTING
**A cost-effective surveillance testing
solution**



W4H COVID-19 MISSION

WHAT IS POOL TESTING?

- **High quality** RT-PCR testing
- **Low Cost** high throughput
- **Simple, safe, and noninvasive:** self or monitored collection options available
- **Rapid turnaround time**
- **Cost effective** solution to test larger populations

" With an end to end solution.

A cost effective solution to monitor and detect infection in groups (pools) of people."



NOT ALL POOL TESTING OFFERS AN END TO END SOLUTION

THEM

Traditional pool testing is cost effective but doesn't help you identify who is positive in a positive pool

- If you have a positive pool then they'll recollect all the samples in order to identify the positive people
- Increased ↑ time
- Increased ↑ cost
- Increased ↑ anxiety

US

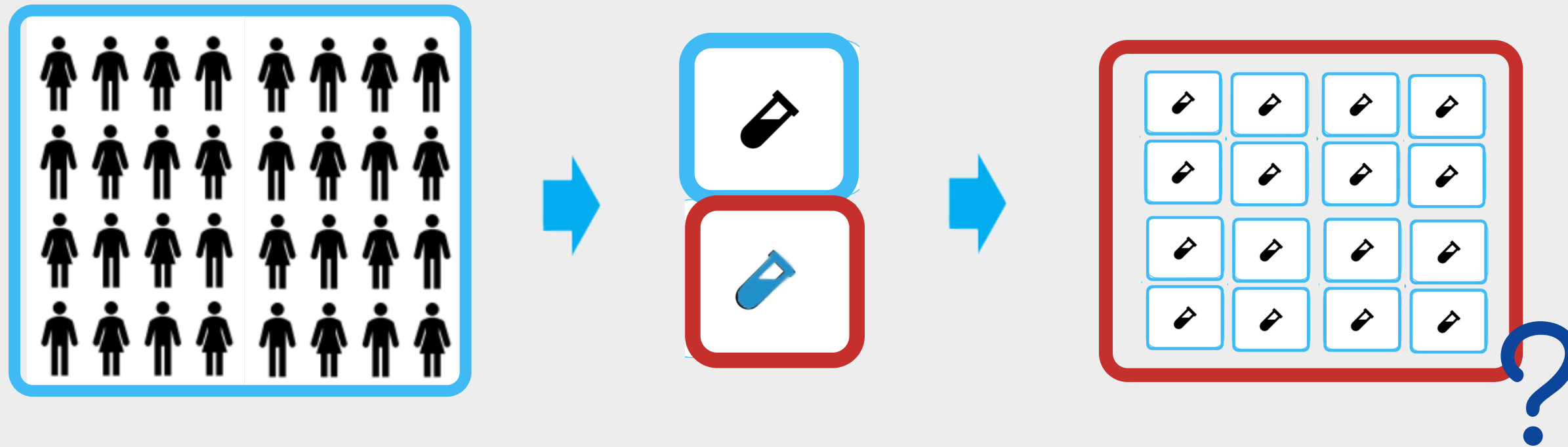
We identify who the positive specimen belongs to so the job is "done"

- Samples are saved. Allowing us to reflex test immediately
- No additional collections
- No increased overhead
- Only 5 additional hours for the positive pool(s)



THEM: Problem- low cost for safety, but basic solution

Pool Testing WITHOUT REFLEX Testing Can Leave Staff With More Questions

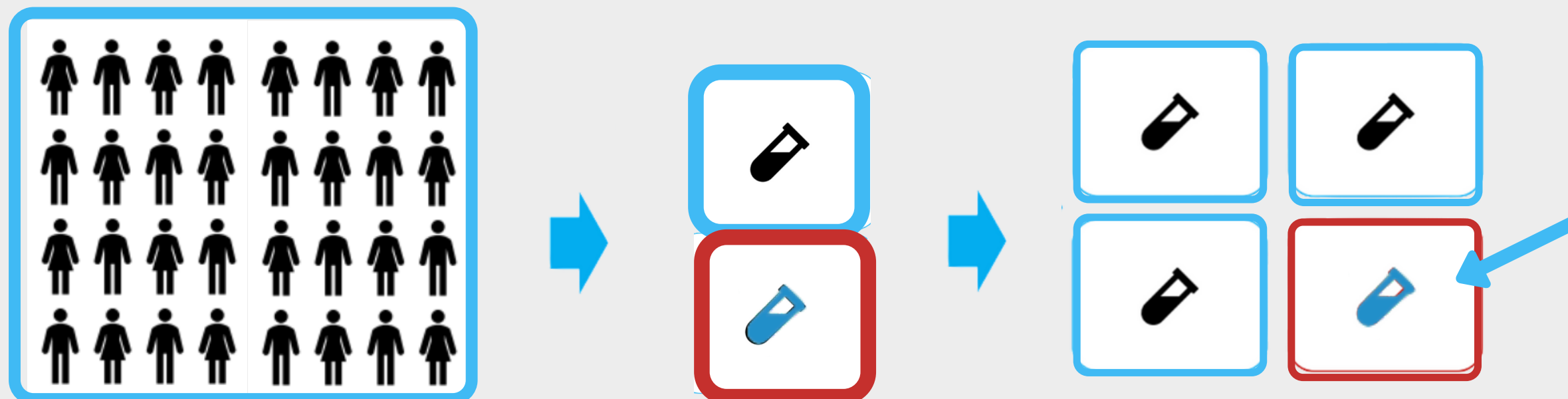


Detect groups of infections in a population

- Doesn't Identify Person(s) who are infected
- Delayed turnaround time
- Increased Cost
- Clients Confused and Anxious on who is positive

OUR SOLUTION: low cost full safety

COVID-19 Pool Diagnostic Testing with REFLEX is an End to End Solution



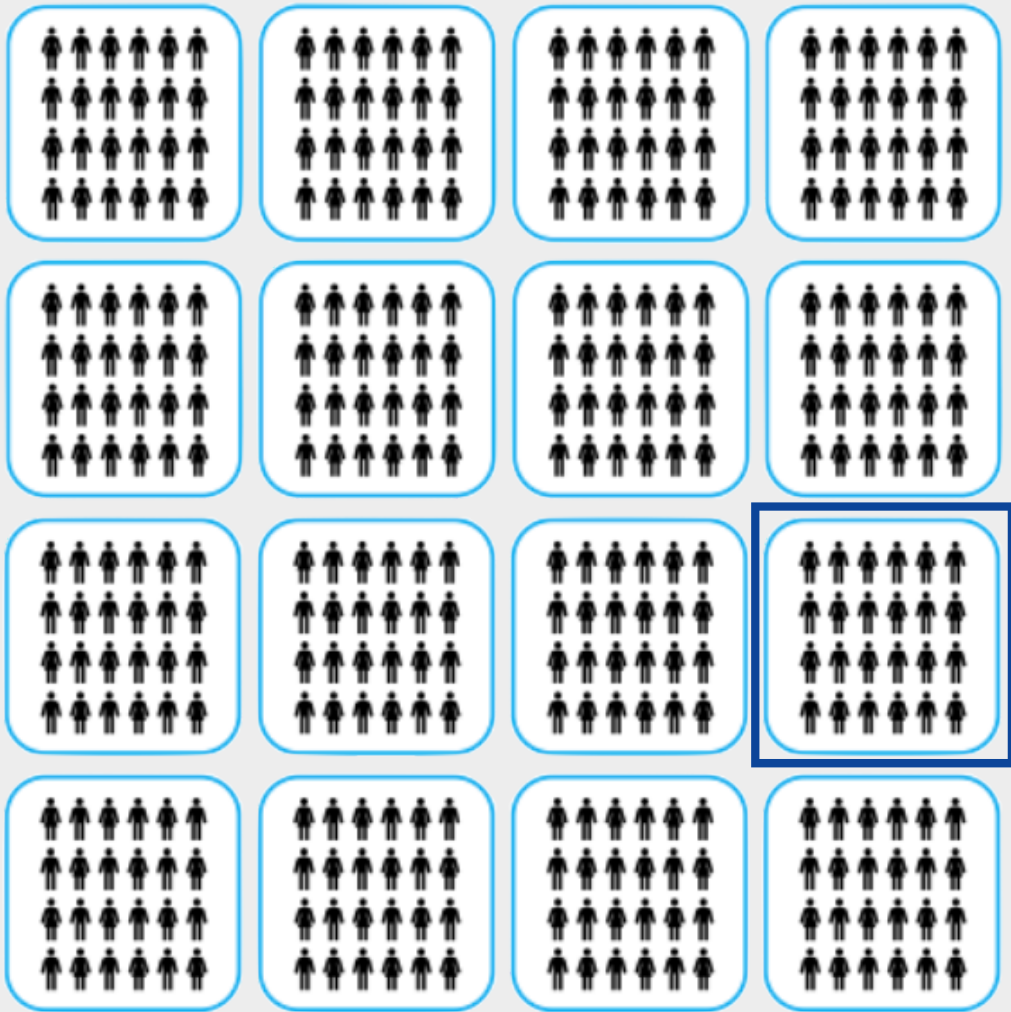
Identify individual infections in a population

- High throughput
- Rapid turnaround time
- Highly scalable
- Low cost per negative result
- Ability to identify the positive person within the pool- 6-8 hrs after positive pool result
- No additional specimen collection necessary



RAPIDLY DETECT COVID-19

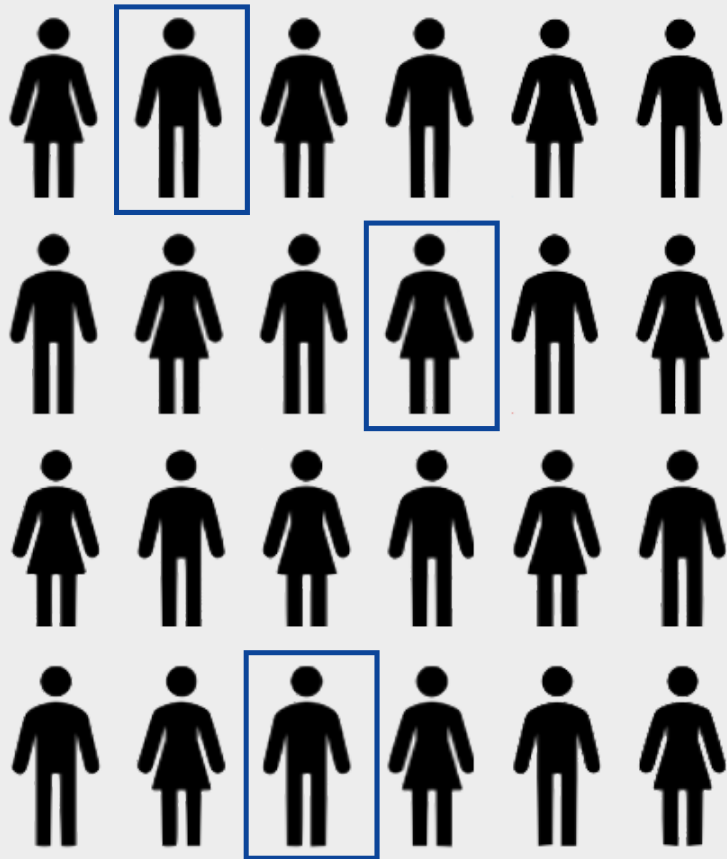
Test Populations in Pools of 16



Detect COVID-19 Hotspot

24-48 hours for results

Re-test Hotspot



Increase Resolution

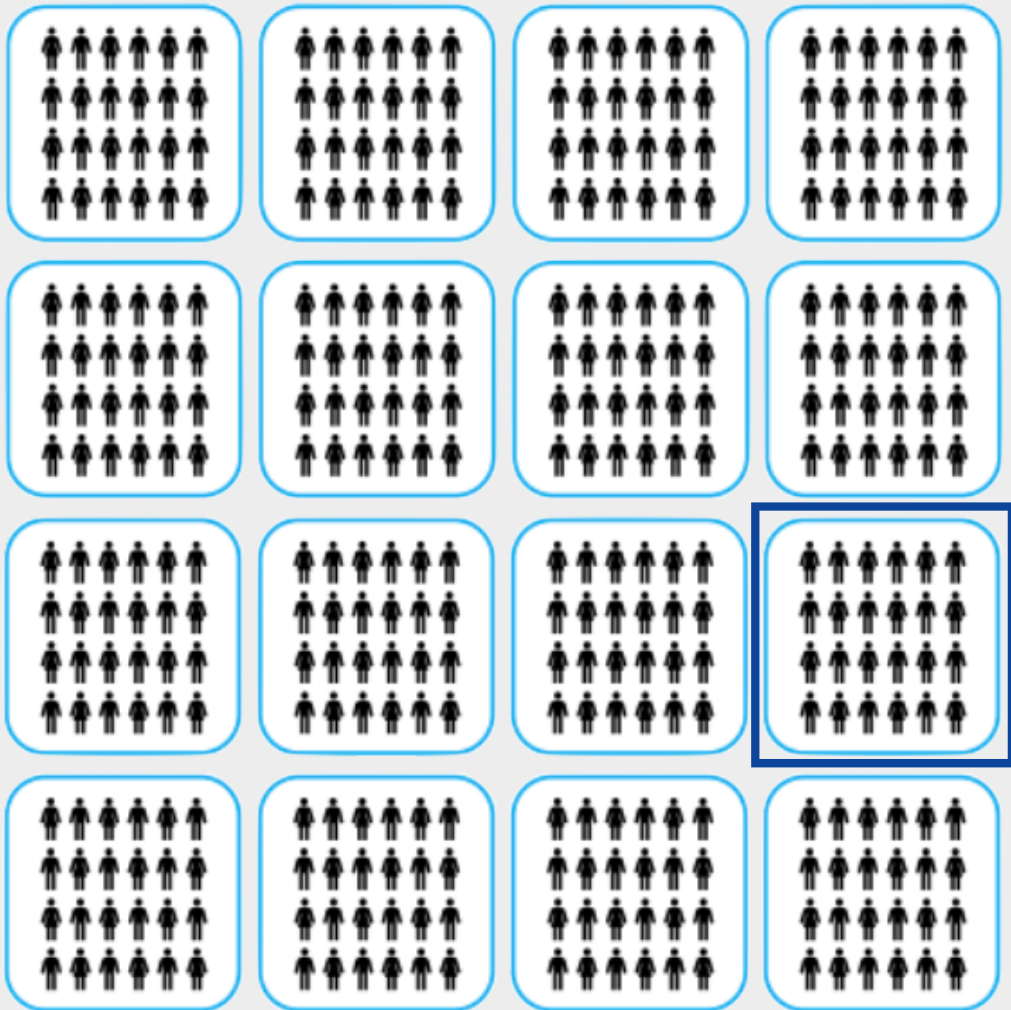
24-48 hours for results

Hotspot samples can go directly to individual diagnostic testing using the same PCR samples!



HOW IT WORKS

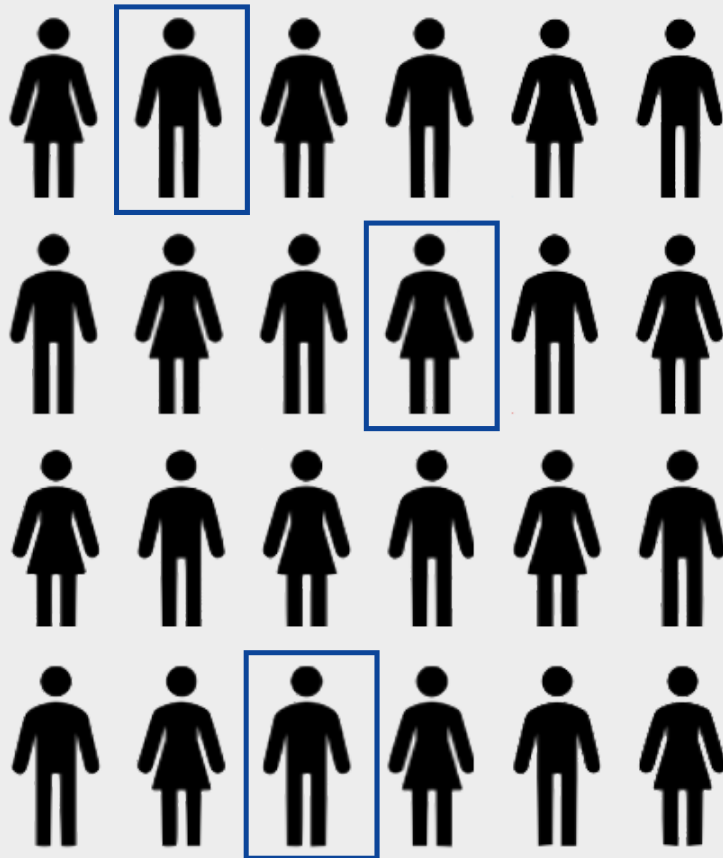
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COST EFFECTIVE PCR POOL TESTING ALLOWS FOR INCREASED TESTING FREQUENCY

\$19.99

Per Person

*in a pool test of 16 samples

*\$320 Total per pool test of 16 samples

| | | | | | | | | |
|----------|-----|---|------|---|--|---|-----|-------|
| | SUN | MON | TUES | WED | THU | FRI | SAT | |
| 1 x Week | |  | | | | | | \$320 |
| | SUN | MON | TUES | WED | THU | FRI | SAT | |
| 2 x Week | |  | | |  | | | \$640 |
| | SUN | MON | TUES | WED | THU | FRI | SAT | |
| 3 x Week | |  | |  | |  | | \$960 |



W4H MAKES IT EASY TO COLLECT SAMPLES



Step 1

Receive Collection Supplies

- Delivered to school campus
- All supplies needed for sample collection
- Simple collection manager instructions



Step 2

Distribute and Collect Samples

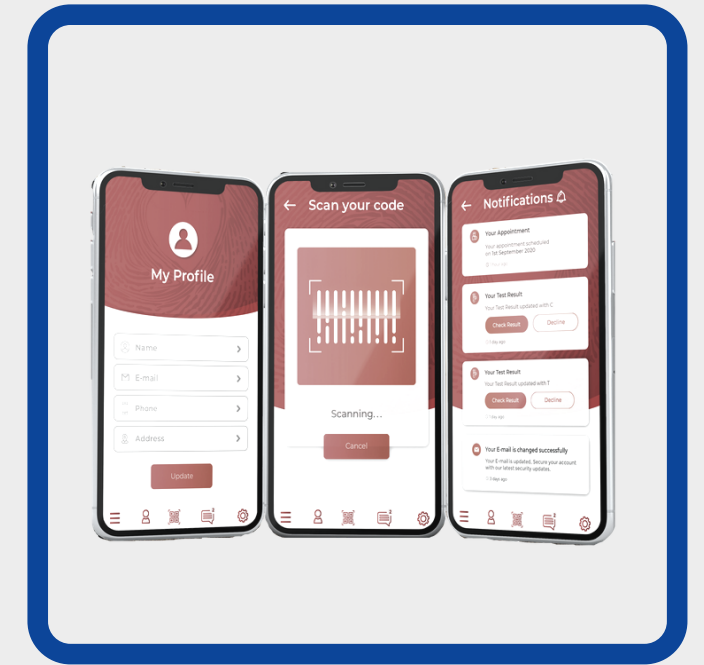
- Record barcodes and individual identity on tubes
- PII anonymous to lab
- No doctor or nurse needed
- Easy to follow instructions



Step 3

Send Samples to the Lab

- Biological substance shipping supplies and labs provided
- Drop off or schedule pickup



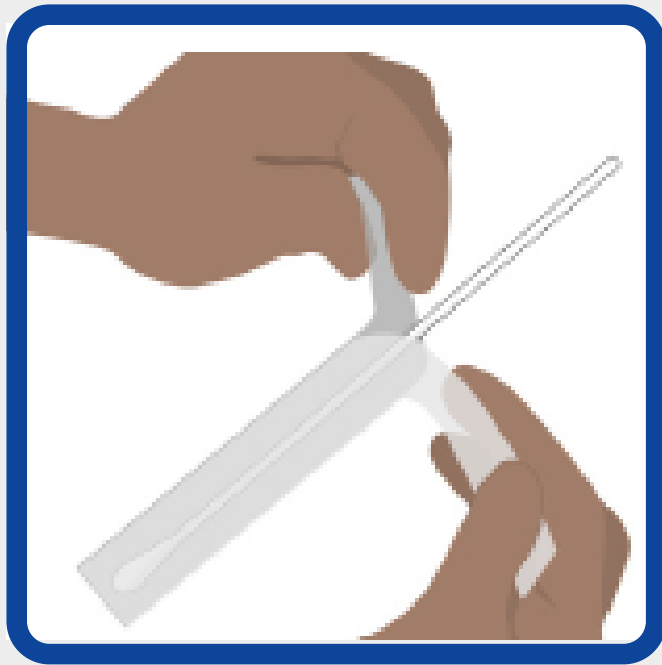
Step 4

Receive Results from TrustPass

- Turnaround time of 12-24 hours after receipt of samples at lab
- Results reported in TrustPass portal
- Pool results include sample barcodes
- HIPAA compliant



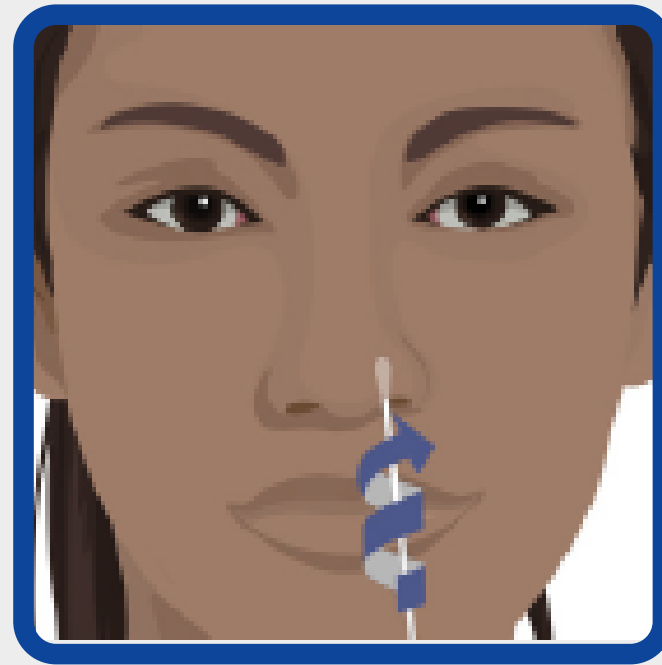
SAMPLE COLLECTION



Step 1

Remove Swap From Container

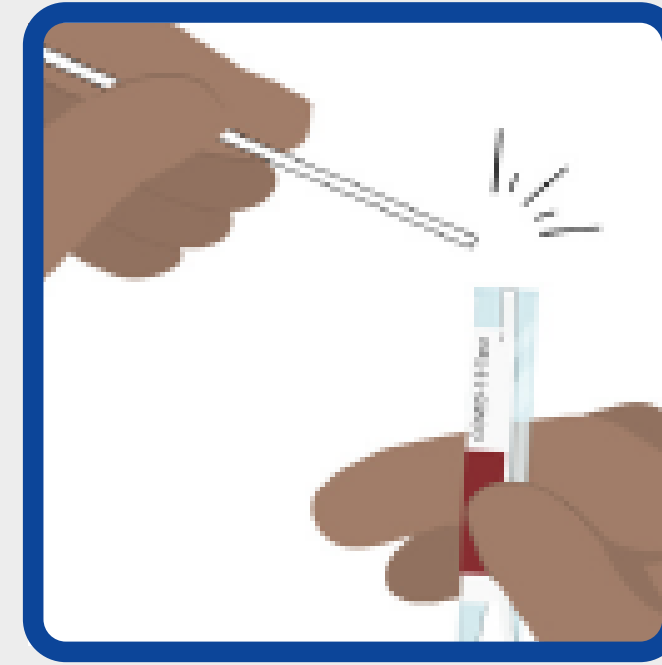
- Included in the sampling kit
- Apply hand sanitizer prior to removal



Step 2

Collect Sample

- Place entire tip inside the nose
- Tip should rub the inside of the nose with moderate pressure
- Use sweeping circles on each nostril
- At least 4 circles on each nostril



Step 3

Place Swap Into Sterile Tube

- Sample swap is placed in the sterile tube
- Snap off the end of swab at the break line
- Place cap on the tube



Step 4

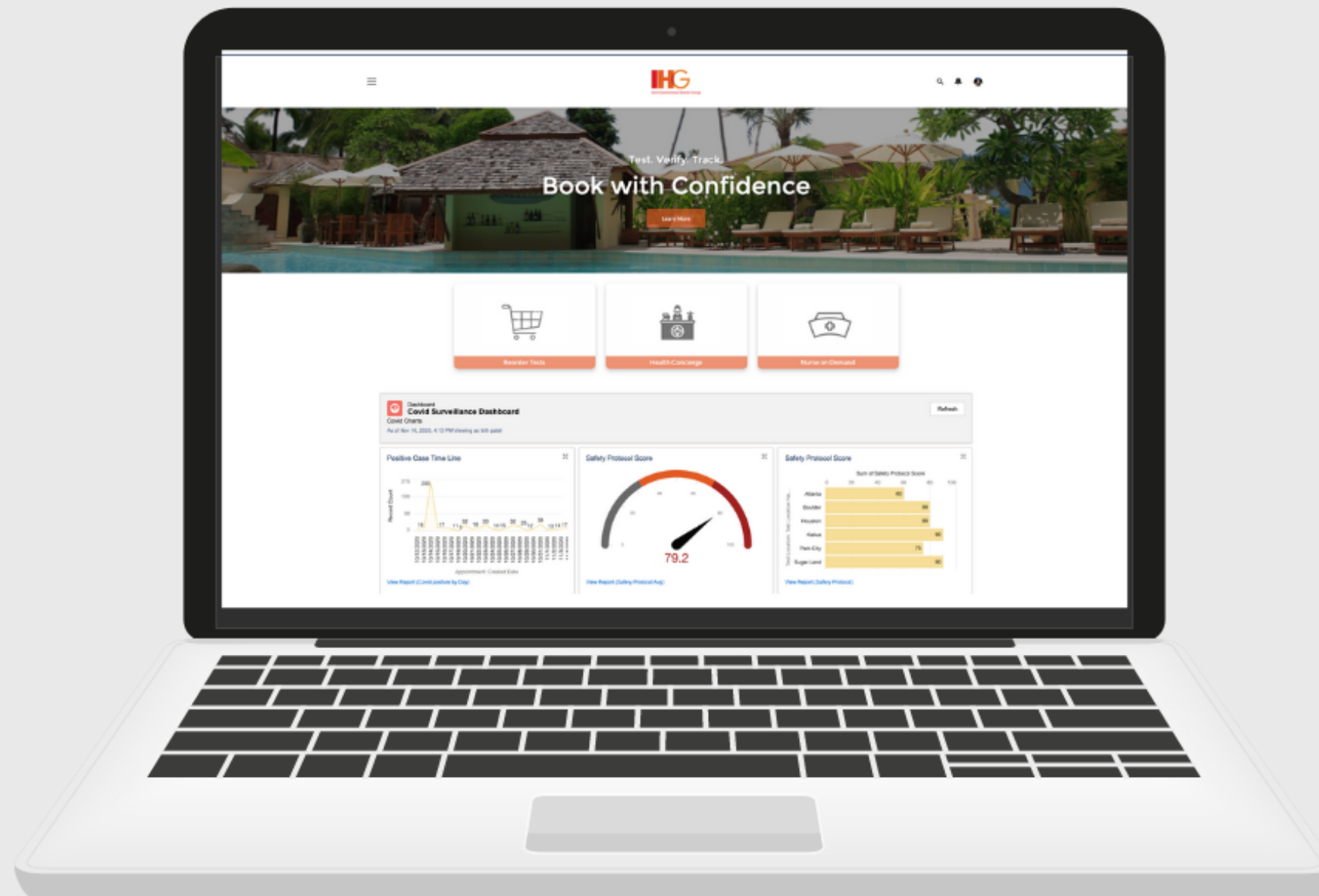
Place Tube Into Biohazard Bag

- Sealed Tube is placed in biohazard bag
- Seal the bag
- Throw away remaining sample kit items

TRUSTPASS RESULTS REPORTING

COMPANY PORTAL

Manage safety protocol online or by mobile.



- Secure Web Portal
- HIPAA Compliant
- Simple to Interpret
- Pool Test Reporting to School Administration



TEST DETAILS

- **High quality RT-PCR testing**
- **Lab has "preferred provider status"**
- **Up to 16 clinical samples to be tested simultaneously.**
- **Maintains sensitivity and and specificity of the RT-PCR assay**
- **HIPAA Compliant processes**
- **Process of pool testing has been validated in 4 separate studies**
- **Reflex testing verified and validated**



POOL TESTING CASE STUDY

Full Scale "needle in the haystack" experiment was performed

- One weekly positive sample was blindly seeded into a batch of 31 pools, with each pool containing between 12 and 24 samples
- The correct pool containing the positive sample was identified
- The correct positive sample was identified using Reflex testing





Wellness 4 Humanity

powered by **TRUSTPASS**

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