

COVID-19 Pandemic

Products. Services. Solutions.



humanhealth™

Executive Summary



Our Mission:

Improve the quality of life for those living in communities across the world that face challenging social and economic conditions.

Background

Human Health, LLC (HH) was formed to provide premier healthcare and related products and services that meet the diverse needs of global markets, especially within underserved communities. With our global partnerships and resources on the ground in Asia, Europe, Africa and North America, we seek to be the first to offer innovative bioscience-based solutions to market segments typically overlooked.



Solutions Overview

Our complete solution combines a spectrum of unique capacities both in mass manufacturing, and global distribution.

1. Manufacturing

Through intensive research, inspection and multiple examinations and evaluations we have selected the top manufactures in Mainland China and other regions to produce millions of daily products that reach the highest standards and certificates to serve our needs. Our local teams on the ground ensure the end to end process are executed to perfection.

2. Global distribution

Using our global network of contacts we have quickly injected ourselves and our resources to support the frontline fight against the pandemic. From Europe to Africa and the Americas we are currently engaged in providing products and solutions for cities, counties, and government partners.

3. Diagnostic solutions

Our main focus was has and still is diagnostic solutions. We believe that this is the key to restoration and saving lives. We are proud to provide the best products directly to medical institutions and global service providers we partner with.

4. Personal Protective equipment

The strong relationships we've built with our global distributors and manufacturers allows us to obtain PPEs at affordable prices. We also have access to large lots of stocked products in multiple global locations.

5. Innovation

Innovative products and solutions both in protective gear and prevention are being developed by creative startups and larger organisations. We put large focus on locating the best products and add them to our portfolio.

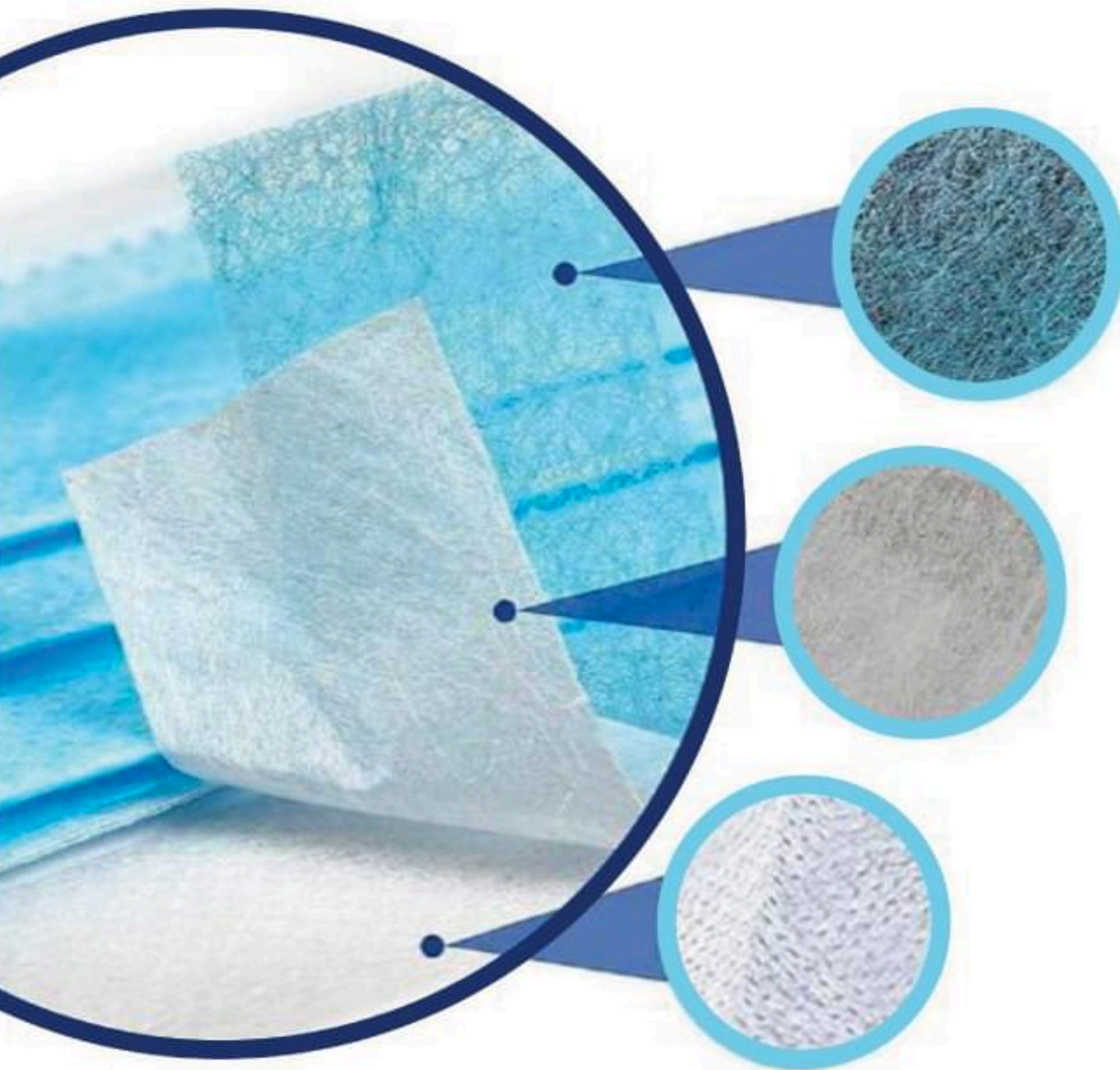
Products & Impact

Personal Protective Equipment	Medical Grade Equipment	Diagnostics Products	Innovation
<p>Masks and respirators We cover the full range of masks from 3 layers to all levels with mask ratings that include KN95, N95, FFP1, FFP2, FFP3 and that are NIOSH-approved. These include civilian antibacterial material-infused masks.</p>	<p>Medical Gowns Isolation gowns levels 1, 2 & 3, and FDA regulated Surgical gowns class II. Manufactured in the Mexico, USA and China</p>	<p>Novel Coronavirus (2019-nCoV) IgG/ IgM Test Kit We Currently have 8 Partnered manufacturers with the highest standards of production and accuracy of delivery. CE/Anvisa/ COFEPRIS and soon EUA approved.</p>	<p>Detecting solutions We are currently evaluating a number of competitively priced devices that can non-invasively identify multiple symptoms allowing the immediate detection of potentially infected individuals – ideal for high-traffic locations.</p>
<p>Gloves Nitrile non-powder examination gloves, including FDA510K, CE, ISO, EN, GMP and QUATEST3 certifications.</p> <p>Goggles and Face Shields Certified goggles and face shields in multiples sizes and types.</p>	<p>Medical Cover Suits Medical Disposable Protective Suits, Produced in China from 2 Manufacturers EN 14126:2003/AC: 2004, and EN ISO 13982-1:2004+A1:2010</p>	<p>Quantitative Polymerase Chain Reaction (qPCR) We currently have 3 EUA test kit manufacturers based in China and 2 in South Korea, with combined capacity of 2M in daily production. Kits also available with CE / Anvisa / COFEPRIS certifications.</p>	<p>New rapid diagnostic solutions Breathalysers, technological location based apps, behavioural recognition devices and more, from both startups and established companies.</p>
<p>Hand Sanitizers and Surgical room surface protection liquids Manufactured in a variety of sizes for hospitals, organizational and civil use.</p>	<p>Thermometers We provide both Glass thermometers at large capacity and Infrared Thermometers from 5 different factories.</p>	<p>Single Use Samplers We are contracted with 4 manufacturers with combined production of 1.5M units. FDA/CE / Anvisa / COFEPRIS certified.</p>	

Disposable Surgical Masks

Disposable Non-woven 3ply Surgical Medical Face Mask

A 3-Ply Disposable Face Mask provides a physical barrier to dust, dirt, debris, smoke and powder. Multi-layer design blocks air pollution to protect user. Folds expand to offer full coverage over nose and mouth. Nose piece along top of mask allows for a custom fit. Lightweight with elastic ear loops, it is comfortable and easy to put on or take off.



NON-WOVEN LAYER

Technology guarantees better barrier properties than cotton and polyester

Soft, good air permeability, comfortable to wear, dust prevention and sterilization

FILTER PAPER

Provides dust prevention and good air permeability

Good air permeability, dust prevention and sterilization

NON-WOVEN LAYER

Splash resistant & less risk of contamination

Good air permeability, dust prevention and sterilization

Specs - Disposable Surgical Masks

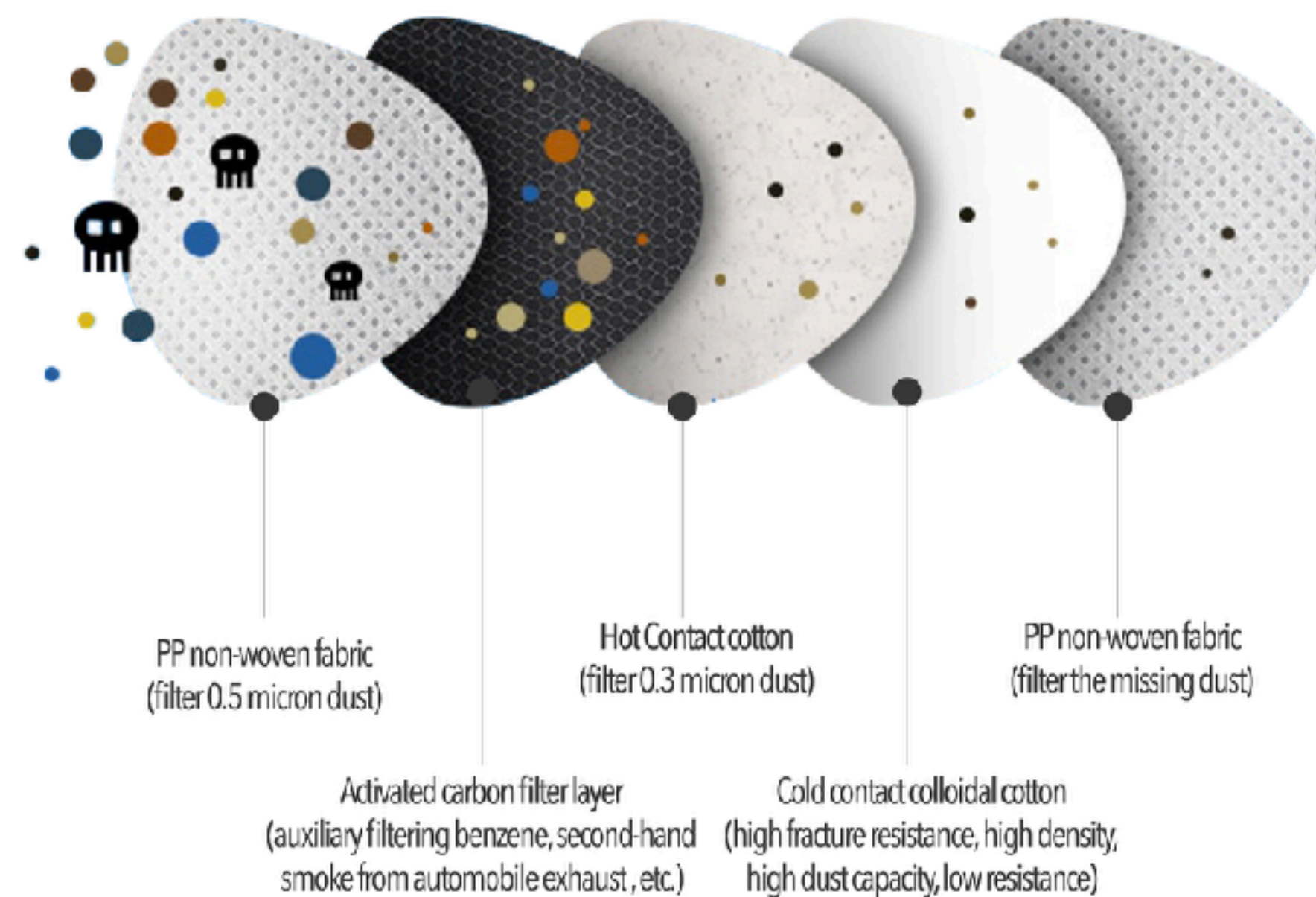
Medical Grade 3-Ply surgical masks CE, FDA And ASTM Certified. Top of the line surgical masks, graded 99% efficient at blocking particulates. Lead time of 3 days for first 1M, after that 1M/Day. Box of 50 pieces.



KN95 Mask

KN95 Mask

Our premium-quality KN95 respirators (face masks) are CE/FDA certified. KN95 face masks filter at least 95% airborne particles that are non-oil based. The **KN95 face mask** is a light weight and comfortable respirator mask with ear loops and an adjustable nosepiece for secure fit and seal. KN95 masks are used in a variety of industries such as food processing, medical, hospitals, general manufacturing, heavy infrastructure, mining, oil & gas, and transportation.



Specs - Disposable Surgical Masks

Face mask with filter. Filters at least 95% of airborne (0.3 micron) particles

Thin & light multi-layer design, reducing respiratory resistance.

Substantial breathing area allows for sufficient airflow circulation without touching lips.

Flexible & foldable design for extra comfort and easy storage.

Soft nose bridge can be adjusted to the face for comfort and perfect fit. Suitable for long term wear without fatigue

Two strap ear-loop design stretches to fit all sizes providing a secure seal.

Capacity is 500k-1M production daily as well as stock warehouses across the globe.

N95 NIOSH Masks

N95 Masks NIOSH certified

We Supply top **N95 face masks NIOSH certified** (National Institute for Occupational Safety and Health). These NIOSH approved N95 face masks filter at least 95% airborne particles that are non-oil based. N95 masks are made of several layers of special non-woven polypropylene (synthetic polymer) fabric. This fabric is produced by melt blowing and forms the inner filtration layer in the N95 mask that filters out hazardous particles. Brands include: 3M, Honeywell, Makrite and Progear

Specs - Disposable Surgical Masks

Material: High-efficiency electrostatic filter cotton & melt blown non-woven fabric.

Product Size (L x W x H): 10" x 5.9" x 2.1" (26cm x 15cm x 5.50cm).

Face mask with filter. 99% BFE (Bacterial Filtration Efficiency) according to ASTM F2101.

Thin & light multi-layer design reducing respiratory resistance. Braided headbands, cushioning nose foam, and light weight construction for comfortable wear.

Substantial breathing area allows for sufficient airflow circulation without touching lips.

Capacity Depending on availability. Can be a mix of stock and production.



Powder-free Nitrile gloves

Specs

Type: 2 ml Non-Sterile Powder-Free.

Ambidextrous; Finger Tip Textured; Beaded Cuff; White or Coloured (Blue, Light Blue).

Low Density Polyethylene (LDPE)

Certification: Conforms to ASTM D6319
Manufactured under ISO9001: 2008, ISO 13485:2003. ISO 22000:2005 Quality.

Management System.

Manufactured from 100% nitrile (Acrylonitrile-Butadiene) accordance with ANSI/AAMI PB70, ISO9001, ISO13485

Sizes: Extra-small, Small, Medium, Large, Extra-large. Marked in the check box on the shipping carton with black ink.

Storage: Store in a dry and cool place, the temperature not higher than 38°C. or light blue (based on availability)

Shelf Life: 3 years from the date of manufacturing. head design with waist ties and thumb hooks in sleeves

Capacity: Combined monthly production of 100m boxes of gloves.

Each Kit Includes

- Superior tensile strength for extraordinary resiliency test cards (each in an individual pouch)
- Superior puncture & tear resistance properties.
- Protection from unwanted & dangerous substances
- Softness provides superior comfort and natural fit.
- Reduced hand fatigue & perspiration.
- Powder free to eliminate powder induced irritation
- Low level of extractable protein & chemical residue



Nitrile gloves are an essential component needed for multiple areas of treatment and examination. We work with 4 different brands originated in south east Asia, all produced to the highest standards and certification.



Safety Goggles and Face Shields

Full length **Face Shields** are used by hospitals, medical facilities, and dental clinics. The face shields have an adjustable head harness which ensures comfortable fit for most head sizes. Optically clear, distortion free wrap around face shield. Foam headband holds shield away from face. Vented for increased air flow, floats lightly on forehead with no pressure on temples.

Face Shields

- Protects the important parts of your face.
- **Extra comfort** with elastic foam headband.
- Double sided with long lasted **anti-fog**.
- High temperature resistance and impact resistant.
- CE and FDA Approved.
- Powder free to eliminate powder induced irritation
- Low level of extractable protein & chemical residue



Protective Goggles are actively used by hospitals and medical facilities. The protective goggles we offer are splash resistant, anti-fog and fit over prescription glasses. The 1.5mm fine ventilation gap blocks sand particles and plays provides a comfortable and breathable solution. The 110-degree angle design also blocks more than 90% of liquid droplets, thereby blocking infection and reducing risk.

Protective Glasses

- Waterproof.
- Clear Lens with Anti-fog, Anti-dust and Anti-Scratch function.
- Breathable vents on the side to prevent your glasses from steaming up.
- High impact resistance and durability ratings.
- CE and FDA approved.



Isolation Gowns

Specs

Material: 2 ml thick Low Density Polyethylene (LDPE)

Certification: In accordance with ANSI/AAMI PB70, ISO9001, ISO13485.

Feature: Dustproof, waterproof and anti-oil absorbent.

Color: Clear or light blue (based on availability)

Style: Over-the-head design with waist ties and thumb hooks in sleeves.

Coverage: Open back.

Size: One size fits most.

Case Quantity: 100 gowns.

Packaging: Individually in poly bags.

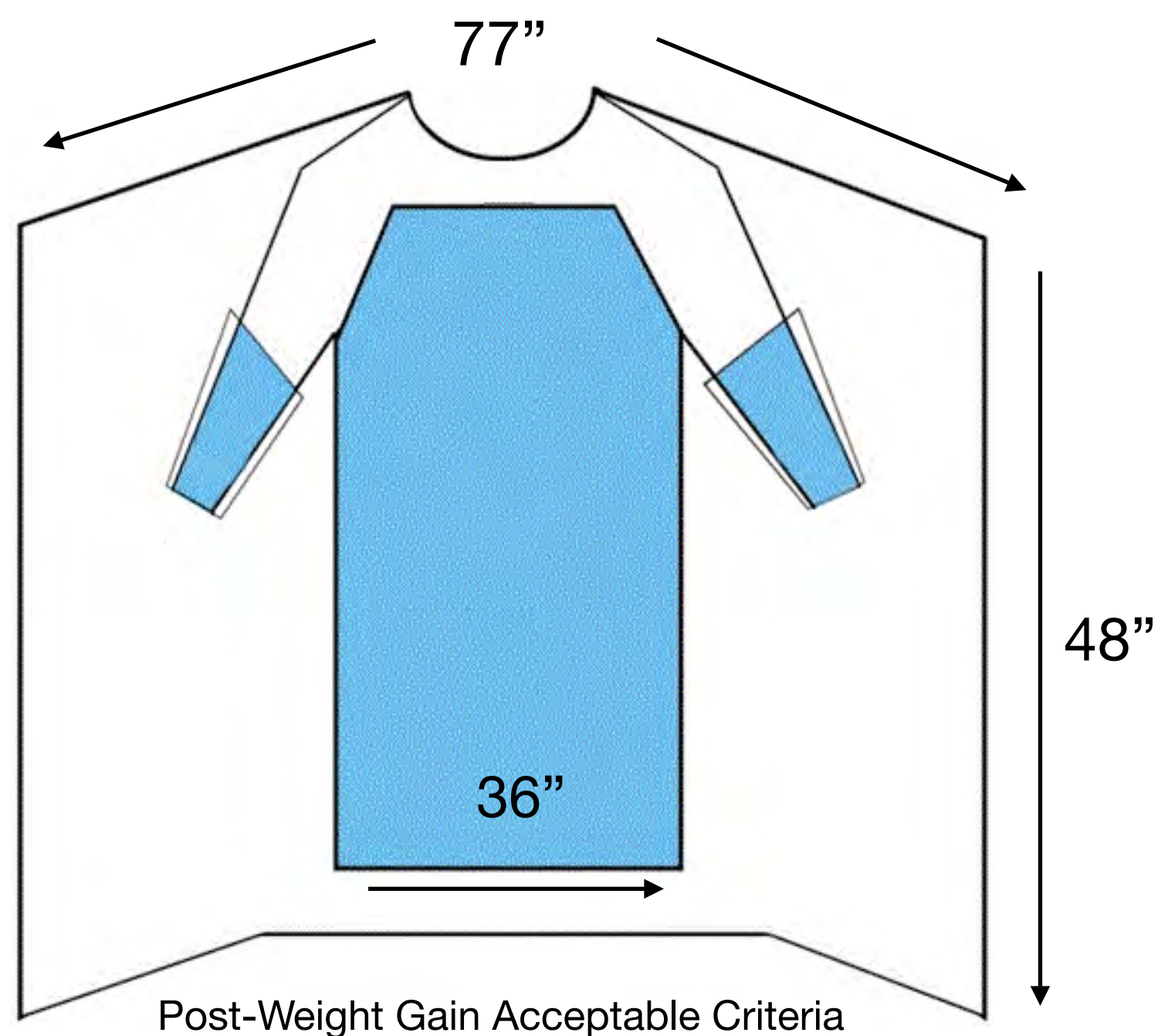
Case Dimensions: 18in x 12in 13in.

Case Weight: 18lbs.

Production Origin: California, China
Non-sterilized.

Certifications: FDA registered and ANAB Certified
Sample available upon request .

Disposable isolation gowns: A protective article used by medical personnel to avoid exposure to blood, body fluids, and other infectious materials, or to protect patients from infection. The gown is a two-way isolation that prevents both medical personnel and the patient from being infected or contaminated. Gold standard is the ANSI/AAMI liquid barrier performance certification. **Disposable isolation gowns are not regulated by the FDA.**



Level 1	Level 2	Level 3
Level 1	Level 2	Level 3
4.5gm	1.0gm	1.0gm



Medical Suit

Personal full body protective medical suit

The main raw material of disposable medical protective clothing is polyethylene film composite non-woven fabric, which is mainly used for professional protective clothing worn by medical staff in medical institutions to prevent the spread of virus from patients to medical personnel with air or liquid.

Protective Medical Suit

Provides comprehensive protection, including isolation of bacteria.

Specs

Package: 40pcs/carton

Size/Weight: Size for 165-180cm/300g

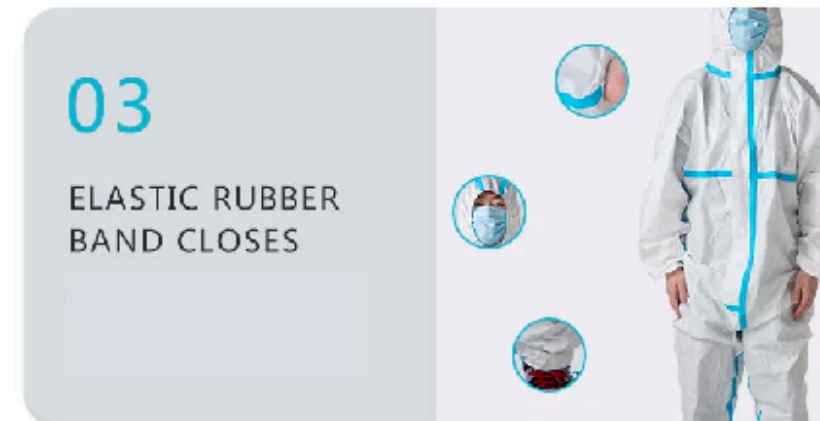
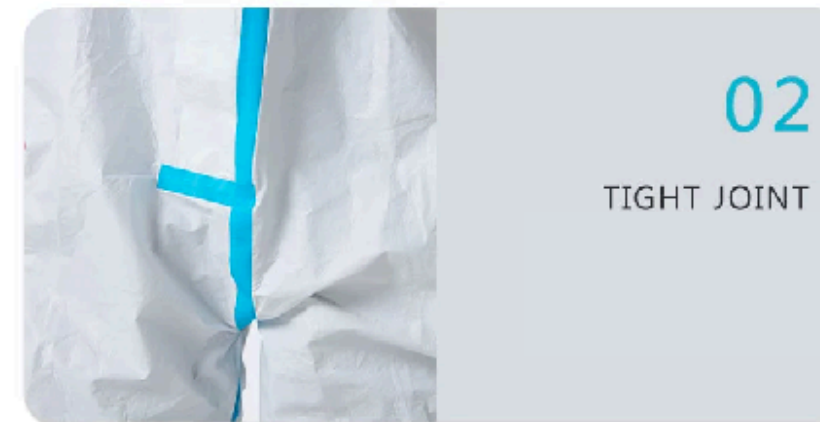
Color: White with blue mound

Layer Style: With elastic wrist and open ankle

Material: Non-woven fabric+PU

Certification: CE, EN 14126

Includes hat, jacket, pants



Thermometers

Thermometers are an essential component needed for medical usage and emergency facilities and well as public locations which is now costumed to use forehead no touch thermometers to ensure people do not have a high temperature which is a leading symptom of COVID-19 potential infection.

Glass Thermometer

The glass thermometer is used for measuring body temperature. The temperature sensing material is mercury.

Type: Oral use, rectal use, armpit use.

Measurement range: 35°C~42°C.

Error range: +0.1 °C ~ -0.15°C.

Capacity: Daily production of 500k units



Infrared Forehead Thermometers

- Measurement range: 35°C~42°C.
- Non-contact measurement prevents infection.
- Ergonomic design, comfortable to hold.
- Temperature measured in 1 sec.
- Digital LED screen for clear reading
- Highly sensitive infrared probe
- CE/FDA/CFDA approved.



Antibody Tests

Importance of the Antibody test

- Antibody testing is more effective for rapid screening of asymptomatic infections in larger groups of people
- Antibody testing helps reduce the number of PCR tests. Therefore, reduces the burden on the healthcare systems.
- Antibody testing provides detailed information on the stage of infection.
- Antibody testing is crucial in assisting people And companies to resume work force.
- Antibody testing could help in detecting people who have gained immunity, extracting plasma for treatment, studying seroprevalence and developing vaccine.
- Sufficient daily manufacturing capacity, up 1,000,000 tests per day.

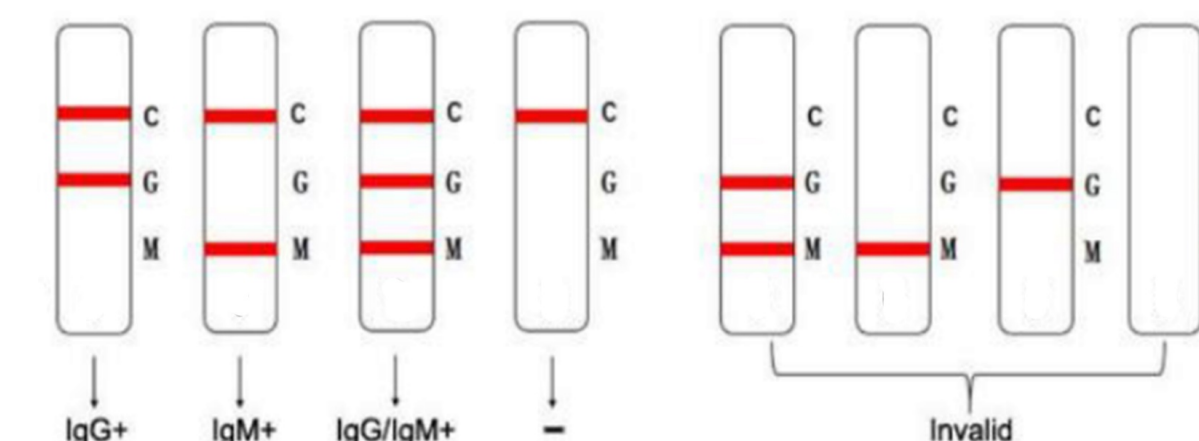
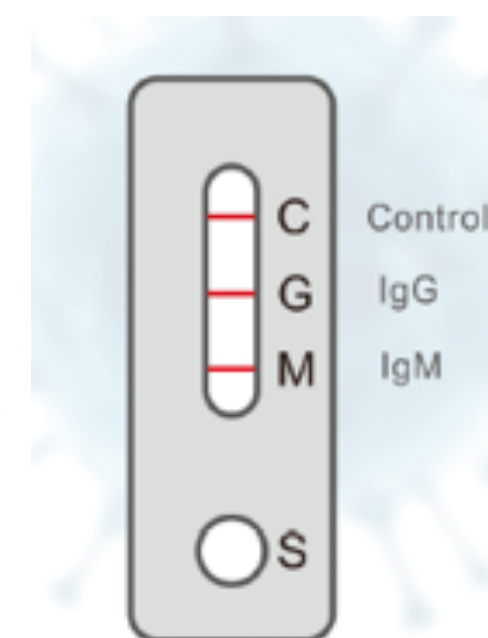
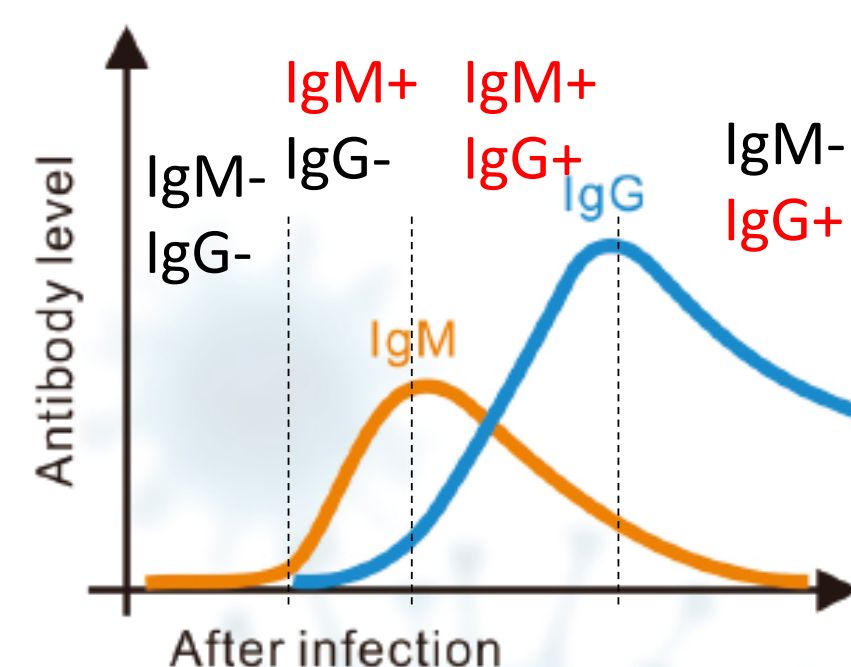
Coronavirus (2019-nCoV) IgG/IgM Test Kit (Colloidal Gold).

We are proud to deliver a Coronavirus (2019-nCoV) IgG/IgM Test Kit (Colloidal Gold).

When the body is infected by the COVID-19 virus, the body's immune system will respond. Generally, antibodies are usually produced over days to weeks after symptom onset. Our tests carry CE, Anvisa, Cofepris, EUA

Each Kit Includes

- 25 test cards (each in an individual pouch)
- 1 bottle of diluent (2.5mL)
- 1 piece of insert (instruction for use)
- Built-in procedural control (C line) on each test card
- Whole blood, serum and plasma
- Don't need analyzers



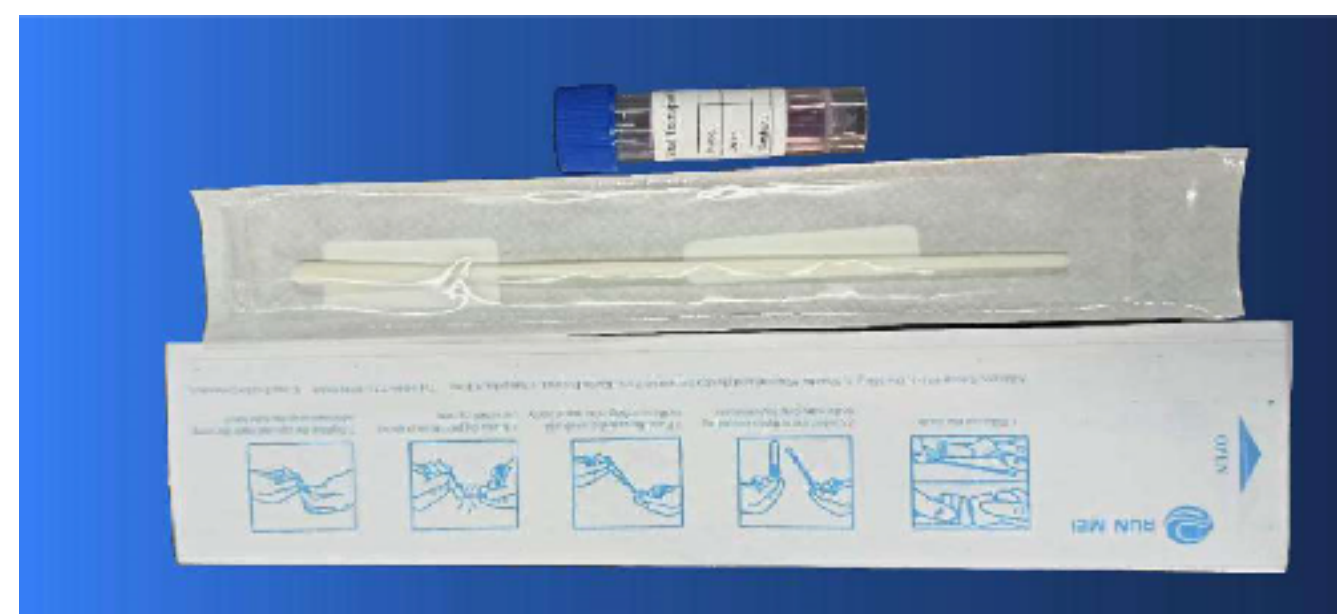
Single use Swabs

Single use Swabs - The Flocking Method

The Flocking Method is a manufacturing process that uses Innovative nylon fiber technology to produce the single use swabs. This method releases up to 95% of the collected samples.

Traditional swabs are fiber made, which traps the sample in the matrix only to release 20-30% of the collected sample.

Our Products are CE and FDA Certified. With a capacity of 3 million units per week. Our Single use swabs are used worldwide by governments, medical institutions and large scale service providers

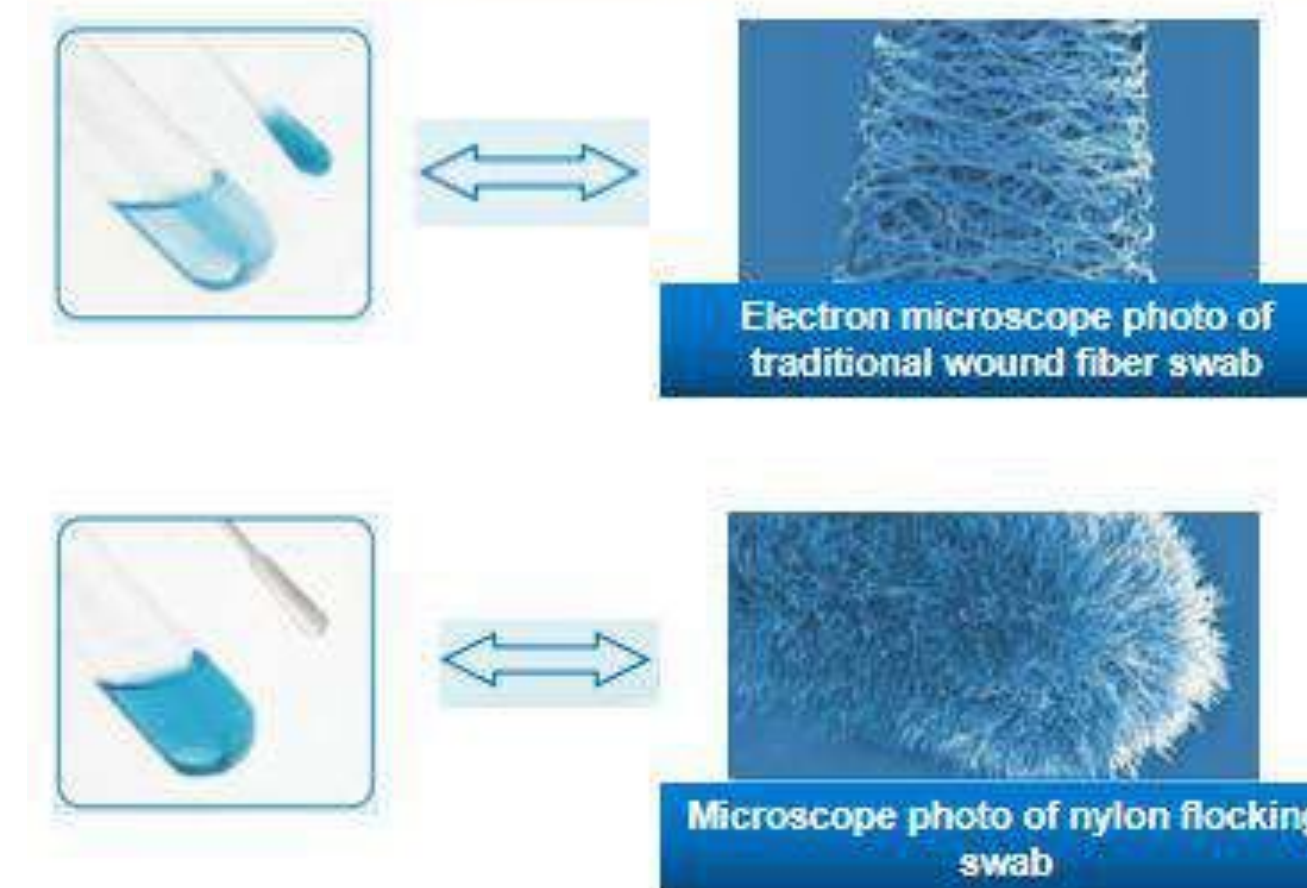


Each Kit Includes

The preservative solution is an upgrade from the traditional Hank's solution. By adding various components such as antibiotics, BSA, HEPES, amino acids, glycerin etc. it has better abilities to maintain virus integrity.

Specifications and Models

Name	Number	Packing Unit
Single-use sampler	50	Box
Plastic Tube containing preservation solution	50	Box



Symptom Sense

As part of its mission, Human Health seeks to **discover, partner and distribute** the best available solutions for early detection of COVID-19.

In our research and market outreach we discovered **SymptomSense™** which is an innovative, quick and cost-effective solution for mass early detection of the disease.

SymptomSense™ will automatically scan anyone who passes through the gateway. It provides the individual's immediate health status with clear indicators. An "All Clear" prompt signifies the person has successfully passed the health check, and has no obvious signs of sickness. This product can be a very effective solution for airlines, special events, stadiums, schools, and other venues where large numbers of participants can be non-invasively and quickly assessed.

EARLY DETECTION, LESS INFECTION.

SymptomSense™ performs a **full body scan** looking for key vitals:

- Body Temperature
- Heart Rate
- Oxygen Level
- Respiration Rate
- Blood Pressure

With a throughput of only 5 seconds, it delivers **fast, easy and versatile screening**

- No-contact**, walkthrough portal
- Real-time** data collection
- Help slow the spread of viral diseases



THANK YOU



humanhealth™