4505 Declarmonts Field Drive  
Bowie, Maryland 20720  
Ph: (240) 460-3503  
Fax: (800) 383-5087  
email: BWCSystemsLLC@gmail.com

**Quote(s) only good for 48/hours of quoted date. Please call for updated pricing.**

<table>
<thead>
<tr>
<th>Quantity Needed</th>
<th>Description</th>
<th>Price (ea)</th>
<th>Extended Price</th>
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</thead>
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<tr>
<td></td>
<td>KN95 Mask</td>
<td>$2.39</td>
<td>$0.00</td>
</tr>
<tr>
<td></td>
<td>N95 Mask</td>
<td>$3.45</td>
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</tr>
<tr>
<td></td>
<td>3Ply Surgical Mask</td>
<td>$0.82</td>
<td>$0.00</td>
</tr>
<tr>
<td></td>
<td>Isolation Gowns Level 1</td>
<td>$3.48</td>
<td>$0.00</td>
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<tr>
<td></td>
<td>Isolation Gowns Level 2</td>
<td>$4.64</td>
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<tr>
<td></td>
<td>Isolation Gowns Level 3</td>
<td>$7.73</td>
<td>$0.00</td>
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<tr>
<td></td>
<td>COVID-19 Test Kits</td>
<td>$18.51</td>
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</table>

Minimum Order 50,000
Above Pricing Includes Shipping.
2 - 3 weeks Delivery upon payment of order
Credit Card/P-Card or Electronic Transfer of payments only

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$0.00
COVID-19 IgG And IgM Rapid Test Cassette Quick Reference Guide

IMPORTANT NOTE:
Each test can be used only ONE TIME. Do not attempt to use the test more than once.

Test Procedure

1. Check the expiry date. If expiry date has passed, use another kit.
2. Put on the gloves. Use new gloves for each patient.
3. Open the test pouch and write the patient's ID on the test cassette.
4. Twist off the tab of the buffer vial without squeezing.
5. Carefully pull off the sterile lancet cap.
6. To disinfect the finger tip with alcohol swab.
7. Push the sterile lancet firmly onto the chosen site.
8. Use the disposable capillary to draw the whole blood up to the Fill Line.
9. Transfer fingerstick whole blood specimen to the specimen well marked “S”.
10. Add 2 drops of buffer.
11. Read results at 10-20 minutes.
12. Do not read the results after 20 minutes. Reading too late can give false results.

POSITIVE RESULTS
- IgG and IgM Antibodies Positive
  - Three lines appear (C, IgG and IgM)
- IgG Antibodies Positive
  - Two lines appear (C and IgG)
- IgM Antibodies Positive
  - Two lines appear (C and IgM)

INCONCLUSIVE RESULTS
- Control line fails to appear.
  - Review the procedure and repeat the test with a new test cassette.

NEGATIVE RESULT
- Only one colored line appears in the control region (C).
A Rapid Test For The Detection of COVID-19 (Coronavirus)
The COVID-19 IgG and IgM Rapid Test is used for the qualitative detection of SARS-CoV-2 antibodies in whole blood, serum, or plasma. The procedure is easy to administer and offers reliable results at 10 minutes that remain valid for 20 minutes. Available now for prompt shipping.

Confident COVID-19 Results
• Fast results in 10 minutes
• Easy to use and highly accurate
• Prompt shipping and delivery

Kit Contents Include:
• Test cassette
• Desiccant, buffer, alcohol swab
• Sterile lancet
• Disposable capillary
• Package insert/procedure guide

The COVID-19 Pandemic
COVID-19 (Corona Virus Disease) is the infectious disease caused by the most recently discovered coronavirus. This new virus and disease were unknown before the outbreak began in Wuhan, China, in December 2019.

The most common symptoms of COVID-19 are fever, tiredness, and dry cough. Some patients may have aches and pains, nasal congestion, runny nose, sore throat or diarrhea. Elderly, and those with underlying medical problems like high blood pressure, heart problems or diabetes, are more likely to develop serious illness.

Easy To Use Procedure

NOTE: Test can also be run with serum/plasma specimens
COVID-19 TESTING
PCR And Serology Based Testing Explained

What is PCR Testing?
Polymerase Chain Reaction Testing (PCR) is a laboratory test to diagnose the COVID-19 infection based on viral DNA. The test involves a nasopharyngeal swab that looks like a long Q-tip and draws mucus from the back of the patient’s nasal cavity where it meets the throat. The swab is then inserted into a vial and is shipped to a laboratory where lab techs or machines use reagents to extract the viral RNA. An enzyme, Reverse Transcriptase is used to convert the RNA into DNA and the DNA is replicated many times to make it detectable.

PCR Testing Problems in The Current Environment
1. Turnaround times on average is 4-5 days
2. There is a shortage of needed chemicals and materials required to run the tests, including swabs and reagents.

With resources limited, and PCR tests requiring days for the result, we are seeing policies change to only administer the tests in situations where the results would significantly change the course of treatment. This means that not nearly enough testing is being conducted to gain valuable insight into how many people have and have had the COVID-19 virus.

Why Serology Testing For COVID-19?
Serology testing will allow us to develop a better understanding of how the virus spreads and the true denominator to determine statistics like fatality rates. Serology tests use a patient’s blood, serum, or plasma to identify the presence of IgM and IgG antibodies. Serology testing allows determination of active infection and whether someone has built up an immunity to the virus based on past exposure. Unlike PCR based testing, Serology testing provides rapid results in 10 minutes.

- Typically, IgM peaks at day 5
- IgG peaks at 14-21 days
- IgM appears first and then slowly drops off. As IgM disappears and IgG picks up, this indicates the patient is likely entering recovery and at some point no longer contagious.
- IgM and IgG are helpful bio-markers to make determinations of patients immune status, whether or not they are contagious. recovering, etc.
So What Method of Testing is Better?

- PCR tests are able to identify the virus before the antibody test. Serology tests are not very effective at identifying infection in the pre-symptomatic or early symptomatic stages. PCR may decline rapidly in 3-6 days.\(^1\)
- PCR begins to lose sensitivity by 3-6 days. However, IgM serology starts becoming very sensitive and showing positives at 5 days. This means, there are situations in which a patient comes in for testing around this time and a PCR based test could be negative, but IgM could be positive. There is a period of time where IgM becomes more sensitive than PCR.
- Rapid COVID tests are a great option to inexpensively and quickly have insight into what is going on. This is a solution that will allow hundreds of thousands more patients be tested, while allowing for a better understanding of how the virus spreads and fatality ratios.
- Additionally, there is application for IgG testing. The presence of IgG means that the patient has mounted an immune response following exposure to the virus. These individuals may have been asymptomatic and never tested, or may have had mild symptoms that passed. This could be useful in making determinations for staffing surgical floors or for responders on the front-line dealing with the next wave of the virus. This will also allow a broader sample size of the population to be tested, helping to identify the spread of the virus as these individuals would unlikely have been tested using PCR methodology.

**Conclusion:** The best and most effective way to utilize these tests throughout this pandemic is in tandem. Because PCR and Serology testing have different advantages and limitations, leveraging both methods when it makes sense will likely provide us with the best and most comprehensive results.

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A Serology Based Test For The Detection of COVID-19 (Coronavirus)
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- Sterile lancet
- Disposable capillary
- Package insert/procedure guide

Source URL: [https://academic.eve.com/jid/advancer/article/10.1006/2013/5810754](https://academic.eve.com/jid/advancer/article/10.1006/2013/5810754)
The new **Shangrila510S**. In response to COVID-19, Aeonmed customized the device to save more lives. We also have models 510 and 590. The machines have an 18-month guarantee.

It counts with:
- Six ventilation modes
- SIMV, CPAP, pressure-controlled ventilation modes
- The range of FiO2 can be set from 40% to 100%
- Meets the requirement to treat adults and pediatrics.

**Enhancements:**
- Manual Breath
- Inspiratory Hold
- Alarm Silence
- Pre-use test

It works in ward, emergency department, sub-acute Care Unit.
Pictures and Specifications

- 5 device types with a total of 6 therapy modes
- New FLEXLINE mode
- Extreme low noise level
- Easy handling
- High maximum pressure up to 30 hPa (TREND II ST30)
- Advanced data management with SD card
- The extreme low respiration resistance, the high power reserves and the automatic compensation for leakages and altitudes
- Three different user menus, an information menu, a patient menu for adjusting the comfort functions and a clinical menu for the optimal customization of all the therapy parameters.

<table>
<thead>
<tr>
<th>Languages:</th>
<th>English</th>
<th>German</th>
<th>Polish</th>
<th>French</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Spanish</td>
<td>Italian</td>
<td>Dutch</td>
<td>(further available on request)</td>
</tr>
</tbody>
</table>

| Counters: | Stand by time, Turbine running time, Therapy time, Filter age |

| Constant Display: | Pressure value (hPa, / mbar / cmH2O), Bargraph, Date, Time, Soft start ramp, Alarm clock-state |

| Additional Functions: | Start-stop-automatic, Softstartramp, Leakage test, Leakage alarm, Power failure alarm, Automatic turbine start after power failure, Date, Time, and Wake-up function |

| Classification: | Protective class II, Typ BF according to DIN EN 60601-1 |

| Conformity: | CE-mark according to EG-directives 93/42/EWG, concerning medical devices, class MPR [a] DIN EN 60601-1 “General provisions for the safety of medical devices” and DIN EN 60601-1-2 “Supplement: electromagnetic compatibility, requirements and testing” |
Provide integrated solution for patients in need of oxygen and CPAP treatment

Manufactured by YAMIND, the product counts on CE certification and is fully qualified worldwide. This device is designed to be safe, secure, and work above industry standards.
Pictures and Specifications

For emergencies and for easy transport, the Eternity ventilators comes in two models:

- **SH 200**
- **70C**

- Microprocessor controlled system
- Suitable for adult and pediatric
- LED Display
- Convenient Using
- Humidifier uses electronic knob setting
- Can be used in the ICU
Pictures and Specifications
COVID-19 ANTIBODY FAST DETECTION KIT

- 20 tests per kit
- Easy to use
- Results in less than 10 minutes

COMES WITH:

- Disposable test card
- Disposable plastic dropper
- Sample diluent
- Peripheral blood collector
- Cotton swabs
- Desiccant
- Instruction manual
Pictures and Specifications

TEST KITS COVID-19

- Pictures of test kits and specifications.
- Instructions for use:
  1. Open the test kit.
  2. Insert the swab into the test device.
  3. Add the test solution.
  4. Wait for the result.

- Results:
  - Positive: Red line appears on the control line (C).
  - Negative: No line appears on the control line (C).
# Pictures and Specifications

<table>
<thead>
<tr>
<th>Name</th>
<th>3 Ply Medical Face Mask</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>Non-Woven &amp; Meltblown</td>
</tr>
<tr>
<td>Certificates</td>
<td>CE</td>
</tr>
<tr>
<td>Layers</td>
<td>3 Ply</td>
</tr>
<tr>
<td>Style</td>
<td>Elastic earloop</td>
</tr>
<tr>
<td>Color</td>
<td>Blue</td>
</tr>
<tr>
<td>Size</td>
<td>17cm x 9 cm</td>
</tr>
<tr>
<td>Use</td>
<td>medical &amp; health / laboratory / clean room / beauty salon</td>
</tr>
</tbody>
</table>
**Product Name:** FFP2 / N95

**Material:** Non-woven Fabric, Melt-blown fabric

**Color:** White

**Certification:** CE y / o FDA
MEDICAL RESPIRATOR (FFP2 / N95)
Pictures and Specifications

• Filters at least 94% of airborne particles.
• Headband design style.
• Arc-ends design of nose clip, avoid scratching the face, safer to wear
• Ultrasonic welding technology, glue-free and odorless.

<table>
<thead>
<tr>
<th>MASK – MODEL NO.</th>
<th>Box (PIECES)</th>
<th>Carton (BOXES)</th>
<th>Dimension (CM/CTN)</th>
<th>GW/NW (KG/CTN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Type</td>
<td>DTC3W FFP2 NR</td>
<td>20</td>
<td>62x29x34</td>
<td>6/5</td>
</tr>
</tbody>
</table>

• Filters at least 94% of airborne particles.
• Headband design style.
• Arc-ends design of nose clip, avoid scratching the face, safer to wear
• Ultrasonic welding technology, glue-free and odorless.
• Exhalation valve, moisture out, reduces breath resistance.

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<th>MASK – MODEL NO.</th>
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<th>Carton (BOXES)</th>
<th>Dimension (CM/CTN)</th>
<th>GW/NW (KG/CTN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Type + Valve</td>
<td>DTC3W-F FFP2 NR</td>
<td>20</td>
<td>62x29x34</td>
<td>6/5</td>
</tr>
</tbody>
</table>
Pictures and Specifications

- Filters at least 99% of airborne particles.
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<th>GW/NW (KG/CTN)</th>
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</thead>
<tbody>
<tr>
<td>Basic Type</td>
<td>DTC3W FFP3 NR</td>
<td>20</td>
<td>62x29x34</td>
<td>6/5</td>
</tr>
</tbody>
</table>

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<th>GW/NW (KG/CTN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Type + Valve</td>
<td>DTC3W-F FFP3 NR</td>
<td>10</td>
<td>62x29x32</td>
<td>4.5/3.5</td>
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</table>
## MEDICAL PROTECTIVE COVERALL

### Pictures and Specifications

<table>
<thead>
<tr>
<th>SIZE</th>
<th>LENGTH (CM)</th>
<th>WIDTH (CM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>168-176</td>
<td>92-100</td>
</tr>
<tr>
<td>L</td>
<td>174-182</td>
<td>100-108</td>
</tr>
<tr>
<td>XL</td>
<td>180-188</td>
<td>108-116</td>
</tr>
<tr>
<td>XXL</td>
<td>186-194</td>
<td>116-124</td>
</tr>
</tbody>
</table>
MEDICAL PROTECTIVE COVERALL (JYS)

Pictures and Specifications

![Medical Protective Coverall Image](image)

Instruction Manual for Medical Disposable Protective Suit

Graphic description of taking off the medical disposable protective suit:

- Step 1: Hold the edges of the outer surface of the right-hand glove with your left hand to uncover the glove. Right-hand glove is the purple one.
- Step 2: Roll the outer surface of the gloves with both hands and take off from the inside of the sleeve, and then take off the protective suit in the same way.

Sample Developed (labelled and Parameter/heat)
Pictures and Specifications

| Material: | SMS, SMMS, SMMMS or spunlace |
| Color:    | White, blue, or personalized |
| Size:     | S, M, L, XL, XXL, XXXL       |
| Characteristics: | Disposable, for single use only |
| Certificate: | EN / ISO13485, CE |
| Use:      | hospitals, clinics, dentists, food check. |
Minimum Order: 3000 pieces
We have anti-fog and no anti-fog type
Pictures and Specifications

GL001

PVC Gloves, non-powder
100 pcs / box; 10 boxes / carton
CE、FDA

GL002-2

Nitrile Gloves, non-powder, Blue
100 pcs / box; 10 boxes / carton
CE、FDA

GL003-2

Latex Gloves, non-powder
100 pcs / box; 10 boxes / carton
CE、FDA

GL002

Nitrile Gloves, non-powder, Purple
100 pcs / box; 10 boxes / carton
CE、FDA

GL003

Latex Gloves, non-powder
100 pcs / box; 10 boxes / carton
CE、FDA
### Pictures and Specifications

<table>
<thead>
<tr>
<th>Work Environment</th>
<th>Environmental Temp.: 10°C ~ 40°C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Relative Humidity: ≤ 80%</td>
</tr>
<tr>
<td></td>
<td>Power Source: DC3V (Two AA batteries)</td>
</tr>
<tr>
<td>Size</td>
<td>103x157x42mm</td>
</tr>
<tr>
<td>Weight</td>
<td>135g</td>
</tr>
<tr>
<td>Resolution</td>
<td>0.1°C/0.1°C</td>
</tr>
<tr>
<td>Test Scope</td>
<td>Body Temp.: 35.5°C ~ 42.9°C</td>
</tr>
<tr>
<td></td>
<td>Object Temp.: 0°C ~ 118°C</td>
</tr>
<tr>
<td>Accuracy</td>
<td>Under normal conditions</td>
</tr>
<tr>
<td></td>
<td>(35.5°C~42°C): ±0.2°C</td>
</tr>
<tr>
<td>Testing Time</td>
<td>≤ 0.8 seg</td>
</tr>
<tr>
<td>Testing Distance</td>
<td>3cm-5cm</td>
</tr>
<tr>
<td>Emissivity</td>
<td>0.95</td>
</tr>
<tr>
<td>Automatic turn off</td>
<td>10 seg</td>
</tr>
</tbody>
</table>

The thermometer has a certificate of conformity, and that it meets the quality requirements.