## **Grifols: Innovation in Alpha-1 Detection**

	Alpha-1 Screening made simple.  Preve and fast closest vanie by use of specific prices are not closed vanie by use of specific prices are not not closed vanie by use of specific prices are not not closed vanie by use of specific prices are not	AlphaD CONFIRM  AlphaD CONFIRM	AlphalD     AlphalD
Purpose	Screens for alpha-1 in your patients	Confirms alpha-1 in your patients	Empowers consumers to determine their risk for alpha-1
Who & Where	Healthcare professional screens in office	Healthcare professional tests in office	Consumers screen in their home
Type of Test & How It Works	<ul> <li>Cheek swab</li> <li>Used by HCPs to screen patients with COPD or treatment-resistant asthma in the office</li> <li>Detects 14 genetic variants</li> </ul>	<ul> <li>Fingerstick blood collection kit (DBS card)</li> <li>Used by HCPs to test patients with a positive alpha-1 variant result</li> <li>Detects 14 genetic variants</li> <li>Provides AAT serum level</li> </ul>	<ul> <li>Cheek swab</li> <li>Used by consumers to screen themselves in the convenience of their home</li> <li>Detects 14 genetic variants</li> </ul>
Process	<ul> <li>HCP-driven process:</li> <li>Orders kit through AlphalD.com or receives via sales rep</li> <li>HCP conducts screening and receives the results report via confidential HCP portal to share with patient</li> </ul>	<ul> <li>HCP-driven process:</li> <li>Orders test through AlphalD.com or receives via sales rep</li> <li>HCP conducts test and receives the results report via confidential HCP portal to share with patient</li> </ul>	Patient-driven process:  Orders kit through AlphalDAtHome.com  Consumer conducts screening and receives the results report via confidential patient portal  May bring the results report to HCP for further interpretation
What It Means	<ul> <li>Indicates the genotype and reports any variants detected</li> <li>Negative result rules out alpha-1 as a contributing cause of COPD</li> <li>Positive variant requires HCP to confirm diagnosis</li> </ul>	<ul> <li>Confirms genotype</li> <li>Reports alpha₁-antitrypsin serum level</li> </ul>	<ul> <li>Indicates the genotype and reports any variants detected</li> <li>Reports risk level for lung and liver disease linked with alpha-1</li> <li>Offers reminders to share results with HCP</li> </ul>
Next Steps	- Confirm diagnosis of severe alpha-1 with AlphaID CONFIRM	<ul> <li>If diagnosis is confirmed, HCP may discuss available treatment options and lifestyle changes for patients with severe alpha-1</li> </ul>	- Consumer takes the report to HCP to discuss the results



You can help to make a difference by screening all appropriate people for alpha-1

The receipt of these free testing services does not create any expectation or obligation to purchase or use any product or service offered by any manufacturer.

