My PROLASTIN®-C LIQUID means a treatment in step with my life.

PROLASTIN-C LIQUID is the #1 prescribed augmentation therapy, trusted by patients with alpha-1 and their doctors for more than 35 years.[1]

READY-TO-INFUSE
PROLASTIN® C LIQUID alpha$_1$-proteinase inhibitor (human)



Please see Important Safety Information for PROLASTIN-C LIQUID on page 11, and refer to enclosed full Prescribing Information for complete prescribing details.

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READY-TO-INFUSE
PROLASTIN® C LIQUID alpha$_1$-proteinase inhibitor (human)

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I may have alpha-1, but I'm not alone.

People living with alpha-1 have benefited from more than 35 years of alpha-1 augmentation therapy experience with the PROLASTIN-C brand.[1] Read on to learn more about how PROLASTIN-C LIQUID and the PROLASTIN DIRECT program will be there for you every step of the way.



Learn about the role of the alpha-1 protein.
Scan to watch video.

"If you are diagnosed with alpha-1, do your research. Be your own advocate.

—Toya, actual patient since 2016

Effects of PROLASTIN®-C LIQUID on worsening lung function and emphysema progression have not been proven in clinical trials. Clinical data on the long-term effects of augmentation therapy and maintenance therapy with PROLASTIN-C LIQUID are not available. PROLASTIN-C LIQUID is not meant to be used as a therapy for lung disease where severe alpha$_1$-antitrypsin deficiency has not been established.

What is alpha-1?

Alpha$_1$-antitrypsin deficiency, or alpha-1, is a rare genetic disease also called "genetic COPD" because it can be passed down through families. If you have alpha-1, your body does not make enough alpha$_1$ antitrypsin, a protein that protects the lungs.[2]

When lungs are exposed to inflammation, infections, or environmental irritants like smoke or dust, your body releases an enzyme called "neutrophil elastase" to attack those irritants. But if you don't have enough alpha$_1$ antitrypsin, that enzyme can attack your lungs. That can lead to lung damage.[3]

Keep in mind

Although there is no cure for alpha-1, it can be treated![2]

Alpha-1 is the major known genetic risk factor for COPD. Alpha-1 is often not diagnosed in patients with other common lung diseases, such as asthma, COPD (emphysema, chronic bronchitis), and bronchiectasis, because the symptoms are identical. Smokers and non-smokers alike can inherit the condition and develop alpha-1 symptoms.[3-5]

PROLASTIN-C LIQUID has been proven to effectively and safely raise the alpha$_1$ antitrypsin protein levels in patients with alpha-1. PROLASTIN-C LIQUID is an alpha$_1$-proteinase inhibitor (human) (alpha$_1$-PI) indicated for chronic augmentation and maintenance therapy in adults with clinical evidence of emphysema due to severe hereditary deficiency of alpha$_1$-PI (alpha$_1$-antitrypsin deficiency).

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PROLASTIN®-C LIQUID: The #1 prescribed augmentation therapy.

When it comes to treating alpha$_1$-antitrypsin deficiency, there are several options, but only one with more than 3 decades of proven history. PROLASTIN was the first augmentation therapy approved by the FDA in 1987.

Since then, Grifols has been committed to enhancing and innovating PROLASTIN with patient needs in mind. Improvements in the manufacturing process and the addition of extra purification steps have led to the evolution of the alpha-1 therapy known today as PROLASTIN-C LIQUID, a convenient, ready-to-infuse formulation.

#1 PRESCRIBED OVER 35 YEARS

Trusted by patients with alpha-1 and their doctors for more than 35 years.[1]

Please see Important Safety Information for PROLASTIN-C LIQUID on page 11, and refer to enclosed full Prescribing Information for complete prescribing details.



Meet Toya and hear her alpha-1 story. Scan to watch video.

"I will not let alpha-1 stop me from living my best life. The convenience of PROLASTIN-C LIQUID allows me to experience my grandchildren, my family, and my life.

—Toya, actual patient since 2016

How PROLASTIN®-C LIQUID works:

PROLASTIN-C LIQUID is proven to effectively and safely raise alpha$_1$ antitrypsin protein levels in patients with alpha$_1$-antitrypsin deficiency.

PROLASTIN-C LIQUID is a concentrated form of the protein alpha$_1$ antitrypsin that is purified from human plasma—the fluid part of your blood.

When given as prescribed by your doctor, PROLASTIN-C LIQUID raises the levels of the alpha$_1$ antitrypsin protein in your blood and lungs.

Because this kind of therapy "augments" or replaces the missing alpha$_1$ antitrypsin protein, it is referred to as "augmentation therapy" or "replacement therapy."

Because PROLASTIN-C LIQUID is made from human plasma, it may carry a risk of transmitting infectious agents, eg, viruses, the variant Creutzfeldt-Jakob disease (vCJD) agent, and, theoretically, the Creutzfeldt-Jakob disease (CJD) agent. This also applies to unknown or emerging viruses and other pathogens.



Meet Heather and hear her alpha-1 story. Scan to watch video.

PROLASTIN-C LIQUID is indicated for chronic augmentation and maintenance therapy in adults with clinical evidence of emphysema due to severe hereditary deficiency of alpha$_1$-proteinase inhibitor (alpha$_1$-antitrypsin deficiency).

PROLASTIN-C LIQUID is contraindicated in immunoglobulin A (IgA)-deficient patients with antibodies against IgA or patients with a history of anaphylaxis or other severe systemic reaction to alpha$_1$-PI products.

Meet Jesus and hear his alpha-1 story.
Scan to watch video.



“PROLASTIN® DIRECT was there for me—getting PROLASTIN®-C LIQUID approved through my insurance company, setting everything up for my home infusions.

—Jesus, actual patient since 2016

PROLASTIN DIRECT means support at every turn.

Count on the PROLASTIN DIRECT program for unmatched support every step of the way. Our team can help you navigate insurance questions, coordinate your infusions, and more.

- **Insurance verification and coordination**
- **Infusion coordination with a certified alpha-1–trained registered nurse**
- **Pharmacy services, supplies, and delivery**
- **Access to alpha-1–expert nurses and pharmacists at 1-833-PHONEA1 (746-6321)**

PROLASTIN DIRECT®
Your partner in alpha-1

Please see Important Safety Information for PROLASTIN-C LIQUID on page 11, and refer to enclosed full Prescribing Information for complete prescribing details.

A support program that puts you first[6]: PROLASTIN DIRECT®.

- Shipping your medicine, scheduling your infusion, and, often, administering your infusion, are all handled by the PROLASTIN DIRECT program.
- Whether you receive infusions of PROLASTIN®-C LIQUID at home or at an infusion center, PROLASTIN DIRECT will help get your medication shipments to the right location.

Patient support and disease management for alphas

PROLASTIN DIRECT is the only patient support program that automatically connects patients with AlphaNet®, a not-for-profit organization offering free, one-on-one guidance from other alphas trained to provide disease management, education, and caring support. Visit **alphanet.org** to learn more.

Through AlphaNet, patients are offered enrollment in the Alpha-1 Disease Management and Prevention Program (ADMAPP), which provides one-on-one support from a trained patient with alpha-1 who fully understands their condition.

In a 2-year study,[6] patients on augmentation therapy and enrolled in ADMAPP reported significant improvements in the following areas compared to augmentation therapy alone: participants experienced significantly fewer COPD exacerbations ($p<0.001$) and reduction in emergency room visits ($p=0.02$).*

*2-year study comparing outcomes in a 2-month observation period with augmentation therapy alone followed by a 12-month intervention period with augmentation therapy plus ADMAPP.[6]



“When I was first diagnosed with alpha-1, I was extremely overwhelmed. But when I was connected with the PROLASTIN DIRECT program and AlphaNet, it was such a blessing for me.

—Toya, actual patient since 2016

READY-TO-INFUSE
PROLASTIN® C LIQUID alpha1-proteinase inhibitor (human)

“

PROLASTIN®-C LIQUID is easy to work into your routine. I receive my infusions at home.

—Jesus, actual patient since 2016



How getting started with PROLASTIN®-C LIQUID works[6]:

1. Your doctor sends your prescription to the PROLASTIN DIRECT® program, which helps you determine where to receive infusions, how to navigate insurance coverage, and more.

2. PROLASTIN DIRECT will call you within 2 business days after receiving your prescription. A representative will verify your insurance, answer any questions you may have, and help complete your prescription processing.

3. For infusions at home, a nurse from PROLASTIN DIRECT will call to review your insurance coverage and benefits. They’ll also explain how the program, treatment, and infusions work, and how your medication will be sent. For infusions at an infusion center, the center will call to explain their process.

Keep in mind

It is very important to answer the phone call to get your treatment started. The caller ID may show as “unknown” or “NA” or even “Accredo,” the name of the specialty pharmacy.

There for you at every step, from the very beginning:

Help for the PROLASTIN DIRECT program is always available with access to experts at **1-833-PHONEA1 (746-6321).**

Learn more about AlphaNet®, a not-for-profit organization that assists patients and families with support, education, and strategies to manage their health at **alphanet.org.**

The PROLASTIN DIRECT program may help with your copay.

Patients on PROLASTIN-C LIQUID who have commercial insurance may qualify for a $0 copay through the PROLASTIN DIRECT program. The program may also help with the cost of the deductible, and can provide up to $10,000 per year, every year in financial assistance for eligible patients. Eligibility criteria and restrictions apply.[6]

Please see Important Safety Information for PROLASTIN-C LIQUID on page 11, and refer to enclosed full Prescribing Information for complete prescribing details.

READY-TO-INFUSE
PROLASTIN® C LIQUID alpha$_1$-proteinase inhibitor (human)

Receiving your PROLASTIN®-C LIQUID.

The PROLASTIN DIRECT® program works directly with your insurance company and coordinates your infusion at home, at an infusion center, or even when you're traveling. If you receive your infusions at home, your PROLASTIN-C LIQUID will be delivered directly to your home prior to your appointment with your infusion nurse. If you go to an infusion center, your PROLASTIN-C LIQUID will be waiting for you when you get there.

Shipment and storage

- Your specialty pharmacy will reach out to check on your supplies and confirm shipment, usually on a monthly basis.
- Your PROLASTIN-C LIQUID will ship in refrigerated packs.[7]
- Store in your refrigerator at 36 °F to 46 °F (2 °C-8 °C) for the period indicated by the expiration date on its label.[7]

Product may be stored at room temperature not exceeding 77 °F (25 °C) for up to 1 month, after which the product must be used or immediately discarded.
Do not freeze.

Dosing and administration[7]

- The recommended dose of PROLASTIN-C LIQUID is 60 mg/kg of body weight infused intravenously once per week.
- You can receive PROLASTIN-C LIQUID at a rate of up to 0.08 mL/kg per minute.
- The average infusion takes about 15 minutes when given at the recommended rate of 0.08 mL/kg/min.

The most common adverse reactions that occurred in >5% of subjects in clinical trials for PROLASTIN-C LIQUID were diarrhea and fatigue, each of which occurred in 2 subjects (6%).



Please see Important Safety Information for PROLASTIN-C LIQUID on page 11, and refer to enclosed full Prescribing Information for complete prescribing details.

Important Safety Information

PROLASTIN®-C LIQUID is an alpha$_1$-proteinase inhibitor (human) (alpha$_1$-PI) indicated for chronic augmentation and maintenance therapy in adults with clinical evidence of emphysema due to severe hereditary deficiency of alpha$_1$-PI (alpha$_1$-antitrypsin deficiency).

Limitations of Use

- The effect of augmentation therapy with any alpha$_1$-PI, including PROLASTIN-C LIQUID, on pulmonary exacerbations and on the progression of emphysema in alpha$_1$-PI deficiency has not been conclusively demonstrated in randomized, controlled clinical trials
- Clinical data demonstrating the long-term effects of chronic augmentation or maintenance therapy with PROLASTIN-C LIQUID are not available
- PROLASTIN-C LIQUID is not indicated as therapy for lung disease in patients in whom severe alpha$_1$-PI deficiency has not been established

PROLASTIN-C LIQUID is contraindicated in immunoglobulin A (IgA)-deficient patients with antibodies against IgA or patients with a history of anaphylaxis or other severe systemic reaction to alpha$_1$-PI products.

Hypersensitivity reactions, including anaphylaxis, may occur. Monitor vital signs and observe the patient carefully throughout the infusion. If hypersensitivity symptoms occur, promptly stop PROLASTIN-C LIQUID infusion and begin appropriate therapy.

Because PROLASTIN-C LIQUID is made from human plasma, it may carry a risk of transmitting infectious agents, eg, viruses, the variant Creutzfeldt-Jakob disease (vCJD) agent, and, theoretically, the Creutzfeldt-Jakob disease (CJD) agent. This also applies to unknown or emerging viruses and other pathogens.

The most common adverse reactions during PROLASTIN-C LIQUID clinical trials in >5% of subjects were diarrhea and fatigue, each of which occurred in 2 subjects (6%).

Please see accompanying full Prescribing Information for PROLASTIN-C LIQUID.
You are encouraged to report negative side effects of prescription drugs to the FDA. Visit www.fda.gov/medwatch or call 1-800-FDA-1088.

REFERENCES:
1. Data on file, Executive Summary, Grifols.
2. Alpha-1 Foundation. What is alpha-1? Accessed June 24, 2026. https://alpha1.org/what-is-alpha1/.
3. Alpha-1 Foundation. Lung disease. Accessed June 24, 2026. https://alpha1.org/lung-disease/.
4. Global Initiative for Chronic Obstructive Lung Disease (GOLD). Global strategy for the diagnosis, management, and prevention of chronic obstructive pulmonary disease (2025 report). Published November 15, 2024.
5. National Organization for Rare Disorders (NORD). Alpha-1 antitrypsin deficiency. Updated March 21, 2024. Accessed June 24, 2026. https://rarediseases.org/rare-diseases/alpha-1-antitrypsin-deficiency/.
6. Data on file, PROLASTIN DIRECT program, Grifols.
7. PROLASTIN-C LIQUID. Prescribing information. Grifols; 2020.

READY-TO-INFUSE
PROLASTIN® C LIQUID alpha$_1$-proteinase inhibitor (human)

READY-TO-INFUSE

PROLASTIN® C LIQUID alpha$_1$-proteinase inhibitor (human)

PROLASTIN®-C LIQUID: The #1 prescribed alpha-1 therapy for more than 35 years.[1]

- Trusted by patients with alpha-1 and their doctors and covered by 90%+ of health plans nationwide.[6]
- Automatic enrollment in the PROLASTIN DIRECT® patient support program.
- Proven to effectively and safely raise the alpha$_1$ antitrypsin protein levels in patients with alpha-1.
- One infusion, once a week: Ready-to-use liquid formulation that does not need to be mixed.

Learn more at **PROLASTIN.com.**

Ready to talk with your doctor about PROLASTIN-C LIQUID?

Scan for a **Free Doctor Discussion Guide**

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