

<b>POLICY NAME</b>	AAT Deficiency	<b>POLICY #</b>	2383P
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## Criteria

### Coverage Criteria

- ☐ **1.1** Member has an alpha-1 antitrypsin (AAT) blood level less than 80 mg/dL or less than 11 uM/L.
  - This is considered the blood level of the enzyme that protects against emphysema
- ☐ **1.2** Member has a genetic type associated with AAT deficiency or serum AAT concentrations of less than 80mg/dL.
- ☐ **1.3** Post-bronchodilation FEV1 (forced expiratory volume in one second) of 30% to 65%, OR a rapid decline in lung function
- ☐ **1.4** Ordered by a Pulmonologist (lung doctor)
- ☐ **1.5** Member is a non-smoker, meaning no nicotine products for at least 6 months

### Exclusion Criteria – Any of the following prevents coverage

- ☐ **2.1** Member is IgA deficient with antibodies to IgA
- ☐ **2.2** Member has chronic obstructive pulmonary disease (COPD) and a genotype of PiMZ
  - The COPD Foundation has found no evidence that alpha-1 antitrypsin augmentation is effective in this population