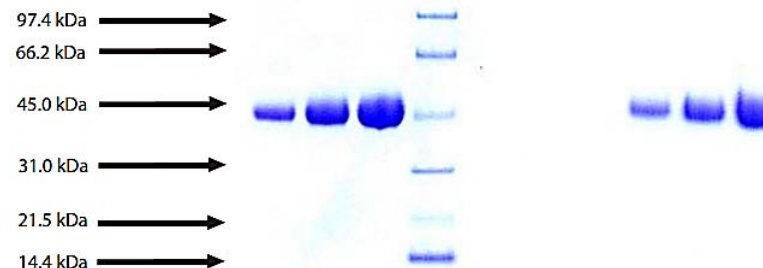


# Alpha 1 Acid Glycoprotein, Human Plasma

<b>CATALOG #:</b>	7547-2 7547-10	2 mg 10 mg
<b>ALTERNATE NAMES:</b>	AGP, Orosomucoid	
<b>SOURCE:</b>	Human Plasma. Prepared from plasma shown to be non-reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.	
<b>PURITY:</b>	≥ 95% by SDS-PAGE	
<b>MOL. WEIGHT:</b>	40.0 kDa	
<b>EXTINCTION COEFFICIENT:</b>	0.89	
<b>FORM:</b>	Lyophilized	
<b>FORMULATION:</b>	Lyophilized as a salt free solid.	
<b>STORAGE CONDITIONS:</b>	Store at -20°C or lower. Avoid repeated freezing and thawing cycles.	
<b>DESCRIPTION:</b>	Found in human plasma in concentrations of 55-140 mg per 100 ml. Classical standard glycoprotein for studies on the structure of the oligosaccharide units. Carbohydrate content is 40%. Its biological significance is unknown although it can bind progesterone 15 times as strongly as albumin. Sialic-acid-deficient alpha-1-AG has an affinity for vitamin B-12. Clinically, alpha 1 acid glycoprotein is an acute-phase reactant that together with haptoglobin is an indicator of acute inflammation. The alpha 1 acid glycoprotein: haptoglobin ratio is useful in studies of bone marrow disorders, hemolytic processes and metastases.	



## A1AGP, Human Plasma

1. Alpha 1 Acid Glycoprotein - 5 µg (reduced / heated)
2. Alpha 1 Acid Glycoprotein - 10 µg (reduced / heated)
3. Alpha 1 Acid Glycoprotein - 20 µg (reduced / heated)
4. LMW Standard
5. Alpha 1 Acid Glycoprotein - 5 µg (non-reduced / no heat)
6. Alpha 1 Acid Glycoprotein - 10 µg (non-reduced / no heat)
7. Alpha 1 Acid Glycoprotein - 20 µg (non-reduced / no heat)

## RELATED PRODUCTS:

- Alpha 2 Acid Glycoprotein, Human Plasma (**Cat. No. 7548-1**)

**FOR RESEARCH USE ONLY! Not to be used in humans.**