

# Product Datasheet

## Human Salivary Amylase Alpha ELISA Kit (Chemiluminescence) NBP2-68203

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 1

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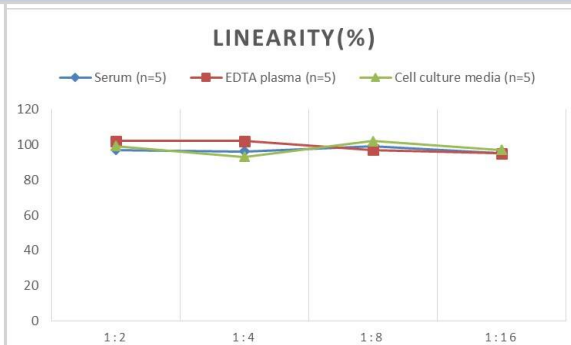
**NBP2-68203****Human Salivary Amylase Alpha ELISA Kit (Chemiluminescence)**

<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	276
<b>Gene Symbol</b>	AMY1A
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This kit recognizes Human AMY1 in samples. No significant cross-reactivity or interference between Human AMY1 and analogues was observed.
<b>Kit Components</b>	Micro CLIA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent A, Substrate Reagent B, Plate Sealer, Product Manual
<b>Standard Curve Range</b>	0.31-20 ng/mL
<b>Sensitivity</b>	0.19 ng/mL 7
<b>Inter Assay</b>	CV% < 7.37%
<b>Intra Assay</b>	CV% < 8.32%
<b>Assay Type</b>	Sandwich-CLIA
<b>Spiking Recovery</b>	85-111%
<b>Suitable Sample Type</b>	Serum, plasma and other biological fluids
<b>Sample Volume</b>	100 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

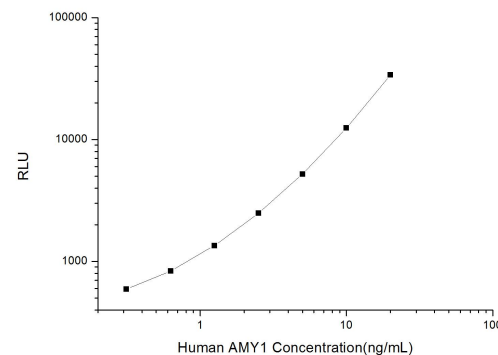


## Images

ELISA: Human Salivary Amylase Alpha ELISA Kit (Chemiluminescence) [NBP2-68203] - Samples were spiked with high concentrations of Human Salivary Amylase Alpha and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human Salivary Amylase Alpha ELISA Kit (Chemiluminescence) [NBP2-68203] - Standard Curve Reference



## Publications

EW Fowler, EJ van Venroo, RL Witt, X Jia A TGFbetaR inhibitor represses keratin-7 expression in 3D cultures of human salivary gland progenitor cells Scientific Reports, 2022-09-02;12(1):15008. 2022-09-02 [PMID: 36056161]



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### **Products Related to NBP2-68203**

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H00000276-Q01-10ug	Recombinant Human Salivary Amylase Alpha GST (N-Term) Protein
AF1759	Oct-3/4 Antibody [Unconjugated]
NBP2-61862	Salivary Amylase Alpha Antibody (5G6F7) - BSA Free
MAB1455	Albumin Antibody (188835) [Unconjugated] - Serum

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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