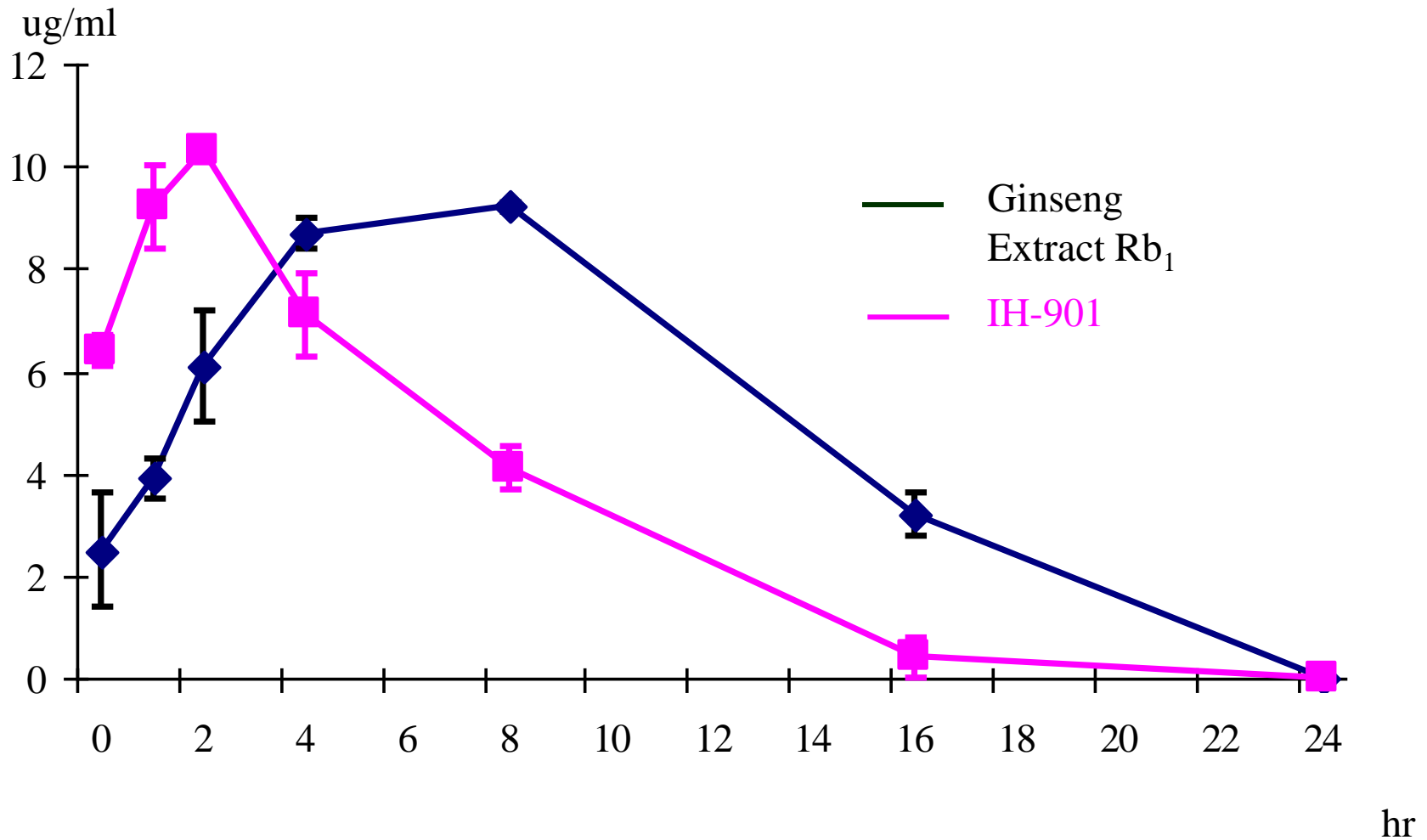


Method of Study

Subject	Clinical test of Absorption rate of Tenjusan-S (TS)
Person in Charge	Kyunghee Univ. Clinical Pharmacology, Professor Mr. Sung-bin, Lim
Testee	Age 20~40 year-old, Male, 24 Testees who passed pre health examination
Testing Design	Random Arrangement, 2×2 Crossing Test, Blood Collecting Time: 0, 0.5, 1, 1.5, 2, 3, 4, 5, 6, 7, 8, 10, 12, 24 hr
Evaluation	Measuring Elements : AUC, Density of IH-901 in Blood(max), Time for Maximum density of IH-901(Tmax) Method of Analysis: LC-MS/MS

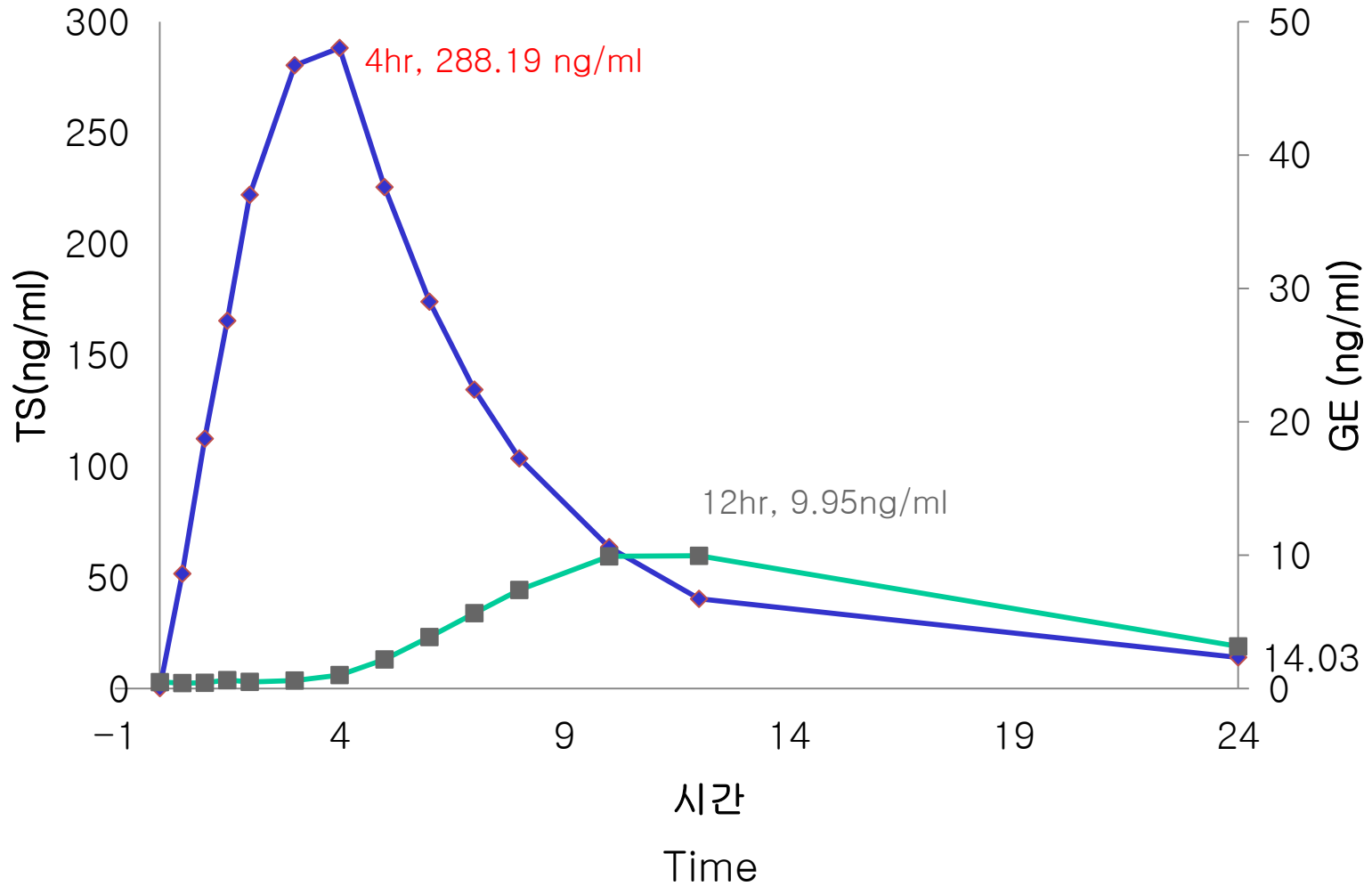
Hypothesis of Clinical Study



Average

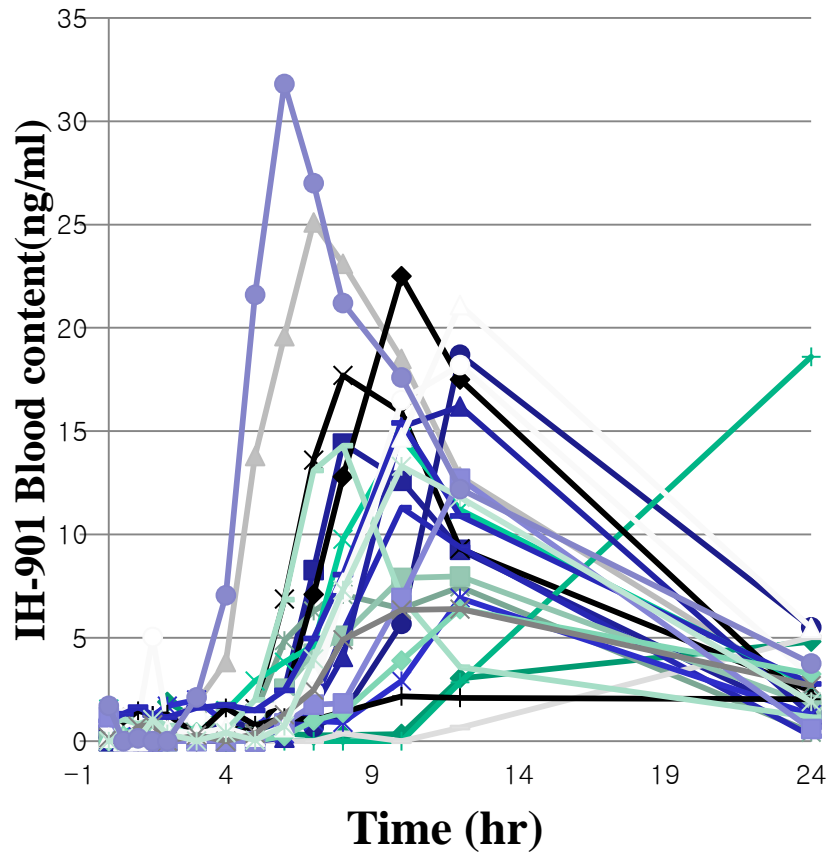
Numeric Value of
IH-901 in Blood

Numeric Value of
IH-901 in Blood

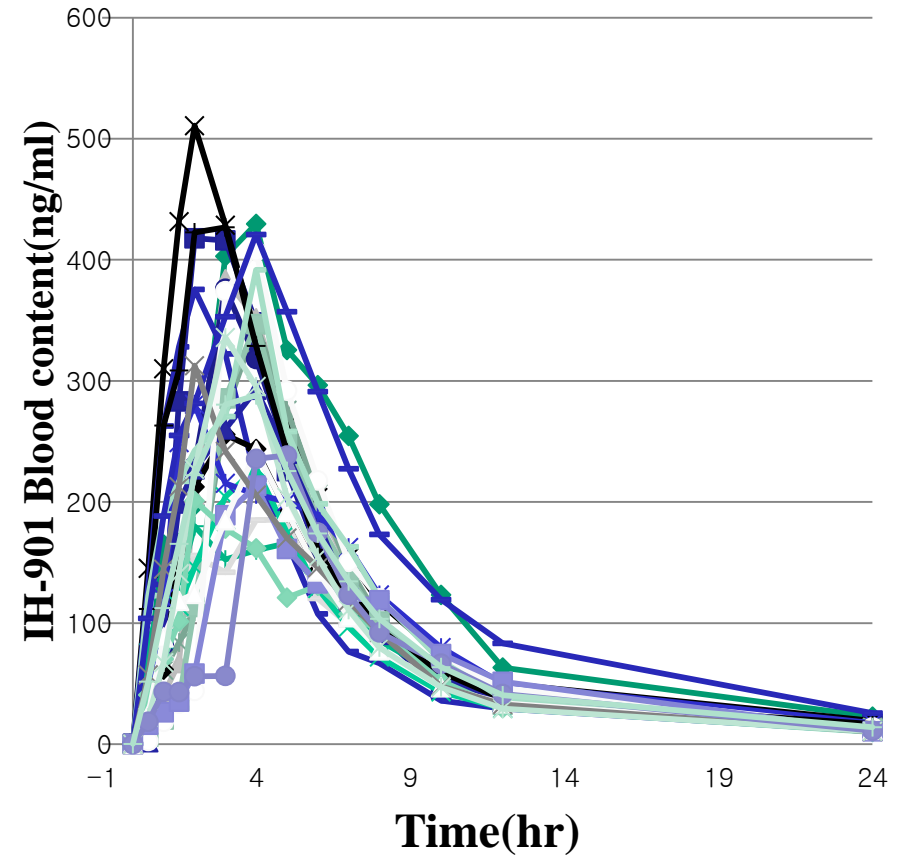


Change of Individual Blood IH-901 content

Ginseng Extract



GINST15



Absorption Comparison

- Left (TS) Stands for Fermented Ginseng Extract Group after intakes; Blue curve; TS (Fermented Ginseng Extract); Highest 300ng/ml
- Right Bar (GE) Stands for Ginseng Extract after intakes; Green curve; GE (Ginseng Extract); Highest 50ng/ml
- Bottom Line Stands for Time period 0 to 24 hours
- 29 times greater absorption plus maximum absorption is achieved in 4 hours verses 12 hours so extract takes 3 times longer to achieve full absorption compared to TS. This is phenomenal
- The standard for bioavailability is AUC or Average under Curve or the availability of a substance in blood plasma is 15 times so we use **15 times more absorption AUC**