

**Catalog #** EK-067-16

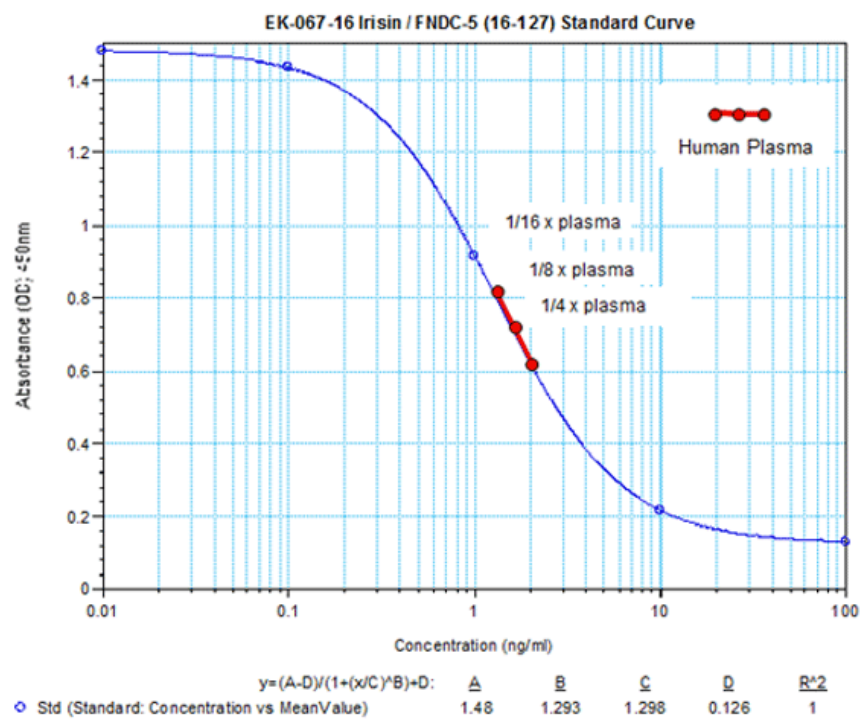
**Standard Size** 96 Wells

**Sensitivity** Minimum detection level: 0.1 ng/ml

**Linear Range** 0.8-9.1 ng/ml

| Cross Reactivity | Peptide                                           | % Cross-reactivity |
|------------------|---------------------------------------------------|--------------------|
|                  | Irisin / FNDC5 (16-127) (Human, Mouse)            | 100                |
|                  | Irisin, c-terminal/ FNDC5 (57-127) (Human, Mouse) | 100                |
|                  | FNDC5 recombinant protein (Human, Mouse)          | 0                  |

**Standard Curve Image**



**ED50: 1.78 ng/ml**

**Human plasma Irisin level before exercise:** 67.43 ± 6.82 ng/ml (n=9)  
**Human plasma Irisin level after exercise:** 82.21 ± 9.47 ng/ml (n=9)

**Human serum Irisin level before exercise:** 50.86 ± 5.19 ng/ml (n=9)  
**Human serum Irisin level after exercise:** 64.38 ± 5.97 ng/ml (n=9)