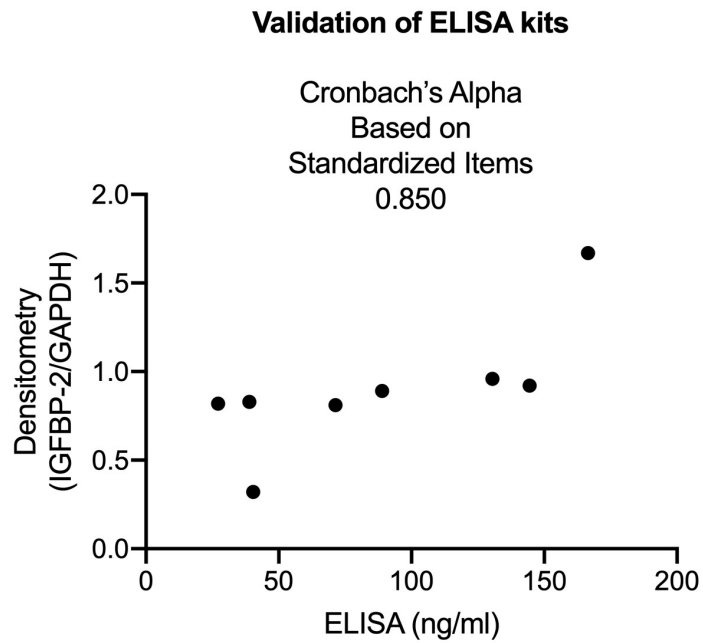


**Figure S1 Validation of ELISA kits**



Validation of ELISA kit is based on Cronbach's Alpha test between ELISA tests

(Catalogue No. CSB-E04588h; CUSABIO Corp., Wuhan, China) and western blotting

(Anti-IGFBP-2, catalogue no. 3922; Cell Signaling Technology, Danvers, MA). A total of

eight samples was randomly selected. The ELISA kit showed an excellent consistency

with the quantified densitometry of IGFBP-2/GAPDH ratio (Cronbach's Alpha based on

standardized items = 0.850).