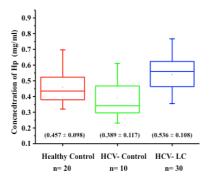
## **Electronic Supplementary Information**

## Visual detection of serum asialohaptoglobin by plasmonic sandwich ELLSA- a new platform for cirrhosis diagnosis

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*Figure S1.* Serum Hp levels among HCV-LC patients and controls. Each horizontal line indicates the mean value of Hp in different groups. Data is presented as mean  $\pm$  SD.





*Figure S1I.* Optimization of tonality change with different amounts of gold (III): A) 0.4 mM and B) 0.2 mM respectively and  $H_2O_2$ : 30, 60, 90, 120, 150,180, 210, 240, 270  $\mu$ M (right to left well) in A and B respectively.