

Supplementary Information

Naked-eye colorimetric detection of HCV RNA mediated by 5' UTR-targeted antisense oligonucleotide and plasmonic gold nanoparticles

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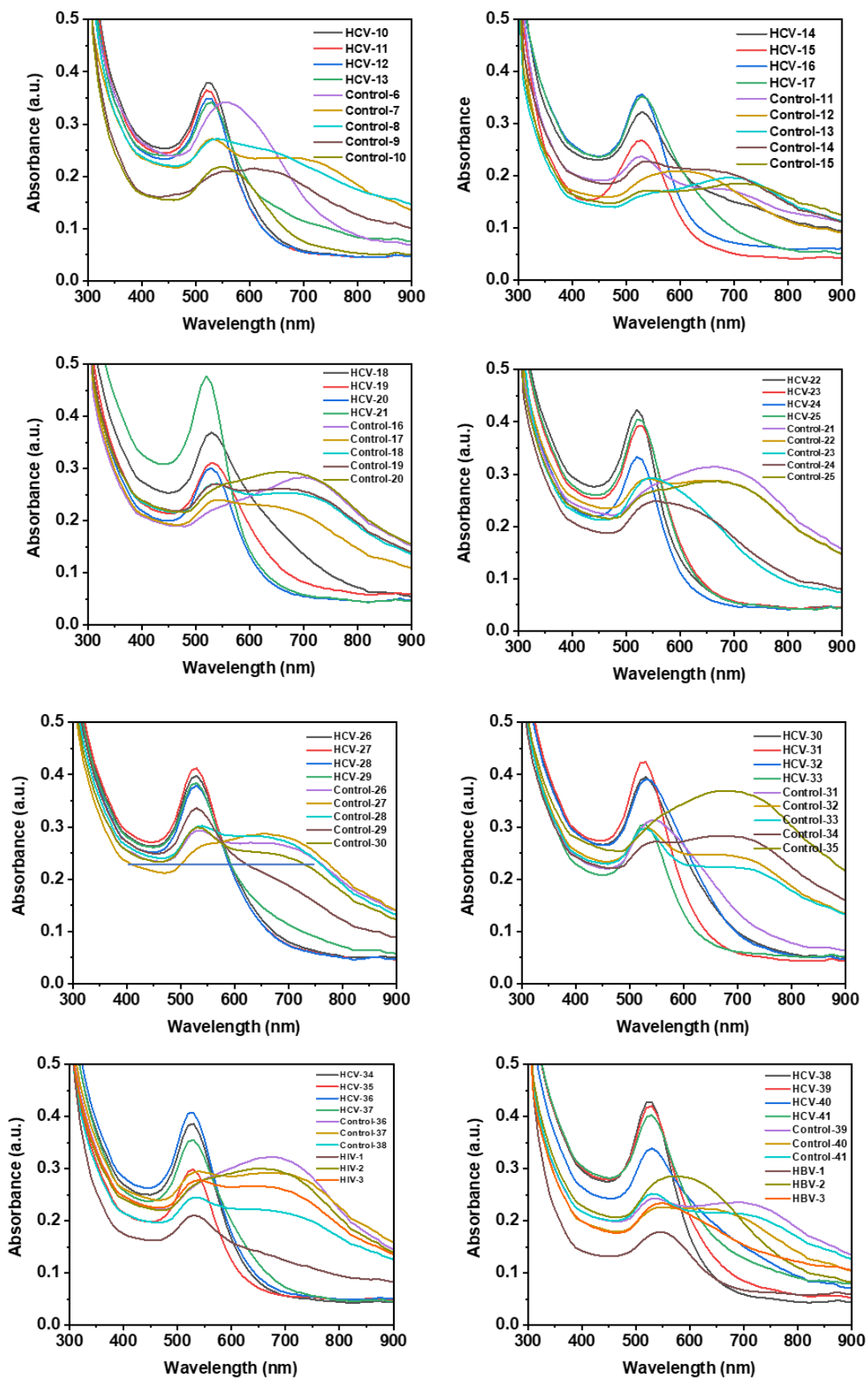


Figure S1. The UV-visible spectra of HCV-10 to HCV-41 and Control-6 to Control-41.

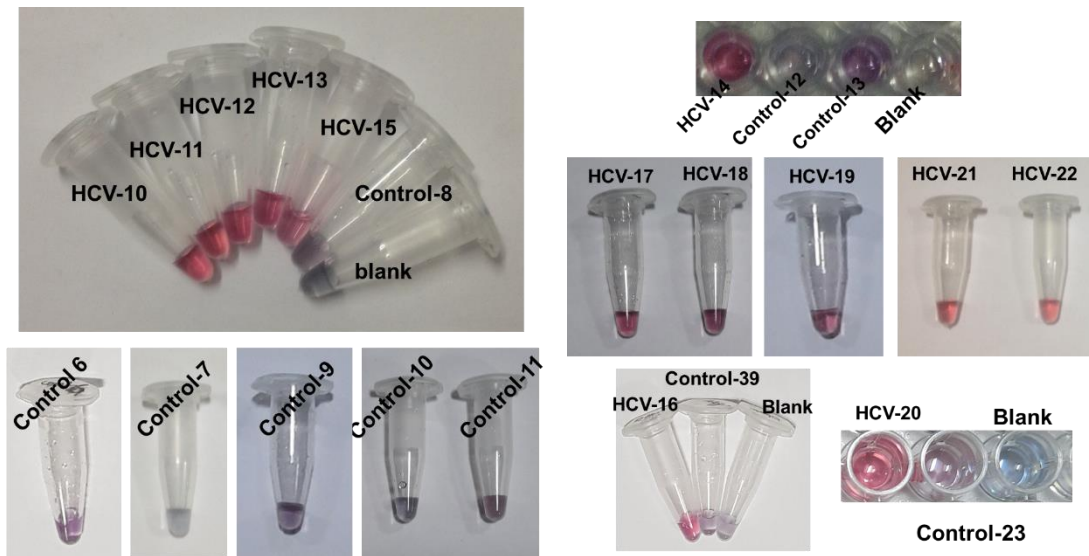


Figure S2. Composite digital photograph of a few HCV positive and healthy control samples.



Figure S3. Composite digital photograph of HCV positive samples as labelled.

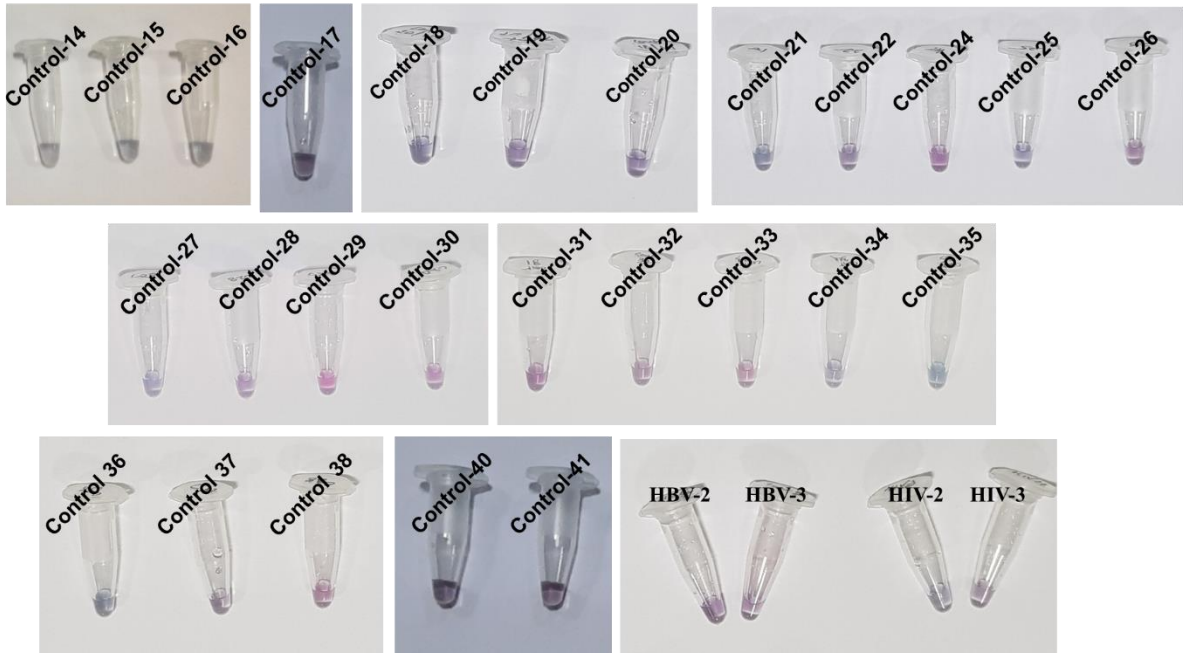


Figure S4. Composite digital photograph of healthy control, and HBV and HIV positive samples as labelled.

Table S1. The RT-qPCR estimated viral loads of the clinical samples used in this study.

Sample code	Viral load (IU/mL)	Sample code	Viral load (IU/mL)
HCV-1	16,000	HCV-25	2,069,024
HCV-2	670,000	HCV-26	208,622
HCV-3	9,380	HCV-27	1,053,225
HCV-4	8,460	HCV-28	150,000
HCV-5	65,000	HCV-29	35,890
HCV-6	29,800	HCV-30	79,935
HCV-7	642,800	HCV-31	103,508
HCV-8	100,800	HCV-32	86,974
HCV-9	623,200	HCV-33	35,763
HCV-10	512,000	HCV-34	220,768
HCV-11	57,000	HCV-35	29,530
HCV-12	8,000	HCV-36	34,762
HCV-13	39,000	HCV-37	41,789
HCV-14	60,830	HCV-38	88,796
HCV-15	23,490	HCV-39	84,589
HCV-16	251,410	HCV-40	100,320
HCV-17	102,045	HCV-41	366,251
HCV-18	31,096	HBV-1	26,500
HCV-19	768	HBV-2	8,347
HCV-20	66,458	HBV-3	6,523
HCV-21	1,146,295	HIV-1	36,800
HCV-22	414,597	HIV-2	36,521
HCV-23	1,128,608	HIV-3	125,489
HCV-24	9,672		