

1 **Supporting Information**

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3 **Development of Chemiluminescent Immunoassay for Detection of Tenuazonic Acid**
4 **Mycotoxin in Fruit Juices with Specific Camel Polyclonal Antibody**

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24 (b) TeA-CMO-OVA by UV-Vis spectra

25 Figure S3 Optimization of various factors on the sensitivity of icCLEIA. (a) Different

26 combinations of concentrations of coating antigen and polyclonal antibody; (b)

27 Different concentrations of HRP-goat anti-llama IgG; (c) The antibody dilution buffers

28 of PB, PBS, PBST, and Tris-HCl; (d) The pH of antibody dilution buffers with 6.5, 7.0,

29 7.4, 8.0, and 8.5; (e) TeA dilution buffer of H₂O, PBS, and PBST (n=3)

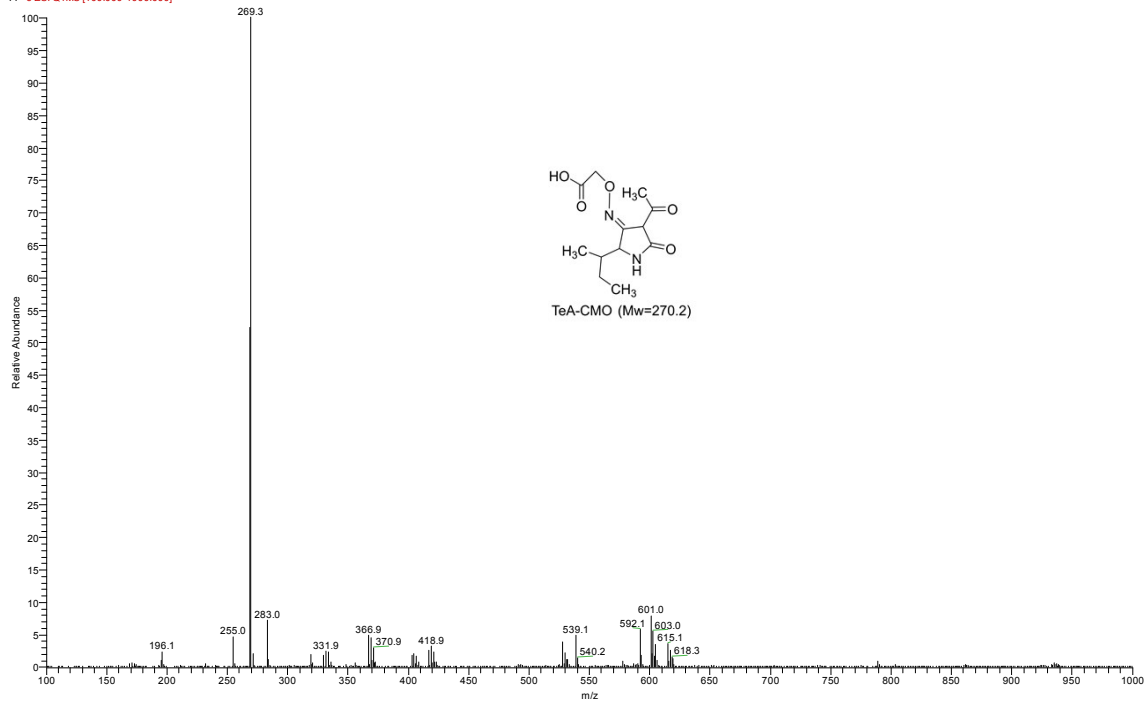
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31 Table S1 Ion source parameters of LC-MS/MS.

32 Table S2 Q1 MI method parameters of LC-MS/MS.

33 Table S3 MRM method parameters of LC-MS/MS.

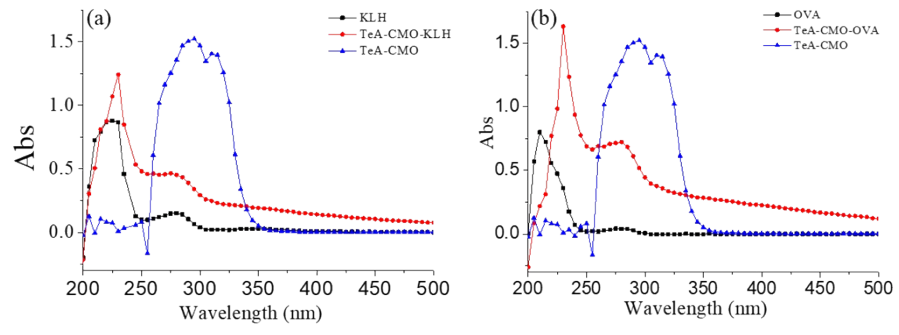
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F: -c ESI Q1MS [100.000-1000.000]



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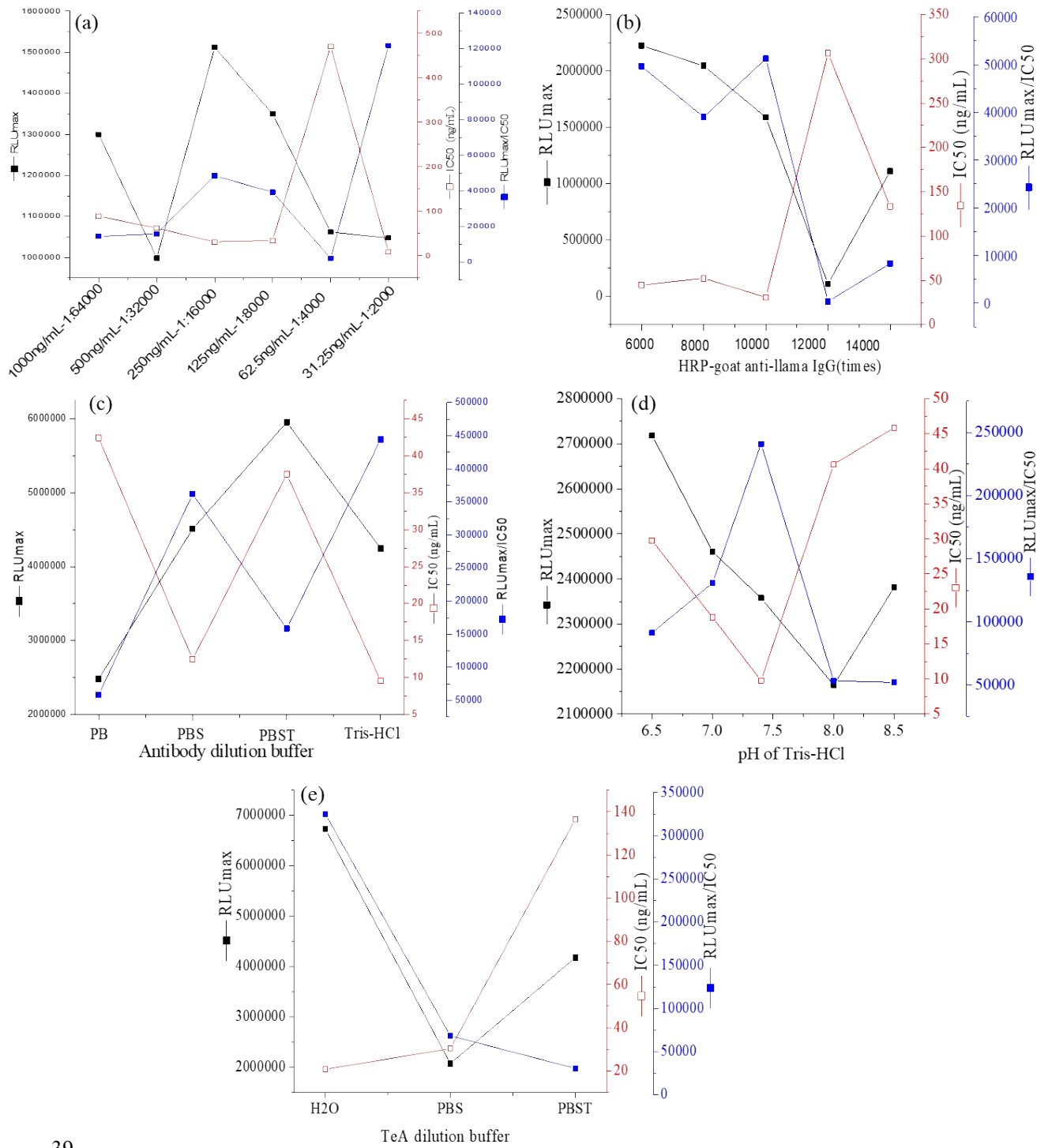
Figure S1



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Figure S2



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Figure S3

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Table S1 Ion source parameters of LC-MS/MS

Acquisition Parameters	ESI, negative
CUR:	30
TEM:	600
GS1:	50
GS2:	60
iHe:	ON
CAD:	Medium
IS:	-4500
EP:	-10

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Table S2 Q1 MI method parameters of LC-MS/MS

Compounds	Q1	Dwell (msec)	DP (V)
TeA	195.9	50	-105
TeA-d13	209.2	50	-105

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Table S3 MRM method parameters of LC-MS/MS

Compounds	Q1	Q3	Dwell (msec)	DP (V)	CE (V)	CXP (V)
TeA	195.9	138.7	30	-75	-22	-5
		112.1	30	-75	-26	-5
TeA-d13	209.1	143.2	30	-80	-22	-5
		114.6	30	-80	-26	-5

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