- 1 Development and validation of a simple LC-MS method for the quantification of oxytocin
- 2 in dog saliva

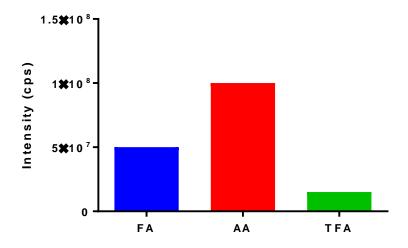
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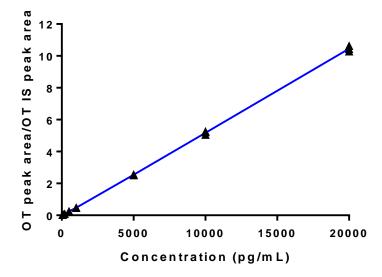
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Supplemental Table S1: LC parameters

LC Parameters:		
Mobile Phase:	A: 0.1% Acetic acid in water	
	B: 0.1% Acetic acid in ACN	
Gradient:	Time (min)	Mobile Phase B (%)
	0.01	15
	0.50	15
	1.00	60
	2.00	70
	2.01	90
	3.50	90
	4.00	15
	5.10	15
Flow rate:	0.5 mL/min	
Sample injection volume:	10 μL	
Column temperature:	40°C	



Supplemental Figure S1: OT signals in MS using different mobile phase additives. OT (100 ng/mL) was prepared in 50% aqueous ACN containing 0.1% formic acid (FA), 50% aqueous ACN containing 0.1% acetic acid (AA), or 50% aqueous ACN containing 0.1% trifluoroacetic acid (TFA). Samples were directly infused into MS system to acquire OT signal.



Supplemental Figure S2: Calibration standard curve of OT. Standard peak area ratio (peak area analyte/peak area internal standard) was used for calibration calculation. The standard concentrations included 50, 100, 200, 500, 1000, 5000, 10000, and 20000 pg/mL. All standards were prepared in triplicate. Linear equation: y=0.51768x-0.00051. Coefficient of determination: $r^2=0.9996$.