

Table S1 Diagnostic performance of different modalities with US features used in the correlation with FNA cytologic result

Test	Sensitivity (%)	Specificity (%)	NPV (%)	PPV (%)	Accuracy (%)	iAUC
0. US feature ≥ 2	68.5	54.8	36.5	82.1	65.1	0.671
1. FNA-Tg ≥ 20 ng/mL	86.6	66.7	62.2	88.7	81.7	0.766
2. Tg ratio ≥ 3	82.7	73.8	58.5	90.5	80.5	0.782
3. FNA-Tg ≥ 20 ng/mL and Tg ratio ≥ 3	81.9	76.2	58.2	91.2	80.5	0.790
0 + 1	63.8	81.0	42.5	91.0	68.0	0.724
0 + 2	60.6	83.3	41.2	91.7	66.3	0.720
0 + 3	60.6	85.7	41.9	92.8	66.9	0.790

US features: size enlargement, loss of fatty hilum, oval shape, hyperechogenicity, cystic composition, microcalcification, peripheral vascularity. Tg, thyroglobulin; FNA, fine needle aspiration; FNA-Tg, Tg level of FNA washout fluid; NPV, negative predictive value; PPV, positive predictive value; iAUC, integrated area under the curve; US, ultrasonography.