



Title	Immunoreactivity of TTF-1, GATA-3, CEA, and p16/Ki67 cocktail in Cellprep®-processed control samples: Comparison of long-term storage in vials and slides
Author(s)	Ryu, Ayumi; Honma, Keiichiro; Umeno, Yoshimi et al.
Citation	Diagnostic Cytopathology. 2024, 52(1), p. 3-9
Version Type	AM
URL	https://hdl.handle.net/11094/100586
rights	© 2023 Wiley Periodicals LLC.
Note	

The University of Osaka Institutional Knowledge Archive : OUKA

<https://ir.library.osaka-u.ac.jp/>

The University of Osaka

Primary antibody		Criteria						
TTF-1 GATA-3 CEA	total score (PS+IS)	PS	0; no cells stained	1; 1/100 [*]	2; 1/10 [*]	3; 1/3 [*]	4; 2/3 [*]	5; 1 [*]
		IS	0; no cells stained	1; weak	2; intermediate	3; strong		
p16/Ki67 cocktail			(-) ^{**}	weak ^{***}	(+) ^{****}			

PS, Proportion Score; IS, Intensity Score; ^{*}ratio to all cells in the slide glass; ^{**}not expressing p16 and/or Ki67 within the same cell; ^{***}weakly stainability of p16 or/and Ki67 within the same cell; ^{****}clear stainability of p16 and Ki67 within the same cell.

TABLE 2 The concordance of immunoreactivity in the second and third ICC scores compared with the first ICC score by weighted kappa statistics

Primary antibody	n	first score vs second score		first score vs third score	
		CP vial	CP slide	CP vial	CP slide
TTF-1	20	0.95*	0.77	0.98*	0.58
GATA-3	13	1.00*	0.33	0.78	0.09
CEA	23	0.98*	0.42	0.95*	0.19
p16/Ki67	20	1.00*	0.95*	0.90*	0.71

ICC, immunocytochemistry; CP, Cellprep®; *>0.8, means almost perfect agreement.