

## Correlation study of new Adeno Respi-Strip kit with Japanese existing kits

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Purpose: Study correlation of Coris' Adeno Respi-Strip with two commercially available Adeno kits in Japan.

Sample Kit:

Adeno Respi-Strip manufactured by Coris Biomedical (VAL-1009. lot:12257F0721 Exp:19/03/08)

Compared kits:

- (1) "Check AD" (Alfresa Pharma) manufactured by *SA Scientific*
- (2) "Capilia Adeno" (Japan BD) manufactured by *Towns* (domestic company)

Methods: Throat swab specimens were collected from patients and by the new Adeno Respi-Strip kit and two existing kits. Then the results were compared.

In the case that results of three kit were not consistent with one another, culture tests were conducted.

Results: As shown below;

Table.1 Correlation with "Check AD" (Alfresa Pharma)

		Check Ad		Total
		+	-	
Adeno	+	48	3 <sup>b)</sup>	51
Respi-Strip	-	4 <sup>a)</sup>	72	76
Total		52	75	127

a) One culture positive and three culture negatives

b) All culture negatives

Sensitivity 92,3% (48/52)  
 Specificity 96,0% (72/75)  
 Efficiency 94,5% (120/127)

Table.2 Correlation with "Capilia Adeno" (Japan BD)

		Capilia Adeno		Total
		+	-	
Adeno	+	47	4 <sup>d)</sup>	51
Respi-Strip	-	3 <sup>c)</sup>	73	76
Total		50	77	127

c) All culture negatives

d) Two culture positives, two culture negatives

Sensitivity 94,0% (47/50)  
 Specificity 94,8% (73/77)  
 Efficiency 94,5% (120/127)