

Supplementary Table 1. Definitions of the pathologically- and endoscopically- evaluated groups

	PG	Anti- <i>Hp</i> antibody	Endoscopic atrophy	Pathological atrophy
Pathologically normal stomach	(-)	(-)	(-)	(-)
True A	(-)	<3	(-)	N/A
Pseudo A	(-)	<3	(+)	N/A
Group B	(-)	≥3	Any	N/A
Group C	(+)	≥3	Any	N/A
Group D	(+)	<3	Any	N/A

Hp, *Helicobacter pylori*; PG, pepsinogen

Supplementary table 2. Comparison between classification by the ABC methods (anti-*Hp* antibody and PG concentration) and by Updated Sydney System for diagnosis of gastritis

Pathological marker	Updated Sydney System	
	Normal (n=96)	Non-normal (n=371)
Serum anti- <i>Hp</i> antibody (-) and PG (-) (n=131)	96	35
Serum anti- <i>Hp</i> antibody (+) or PG (+) (n=336)	0	336

Hp, *Helicobacter pylori*; PG, pepsinogen