

# SHINWA EXPRESS

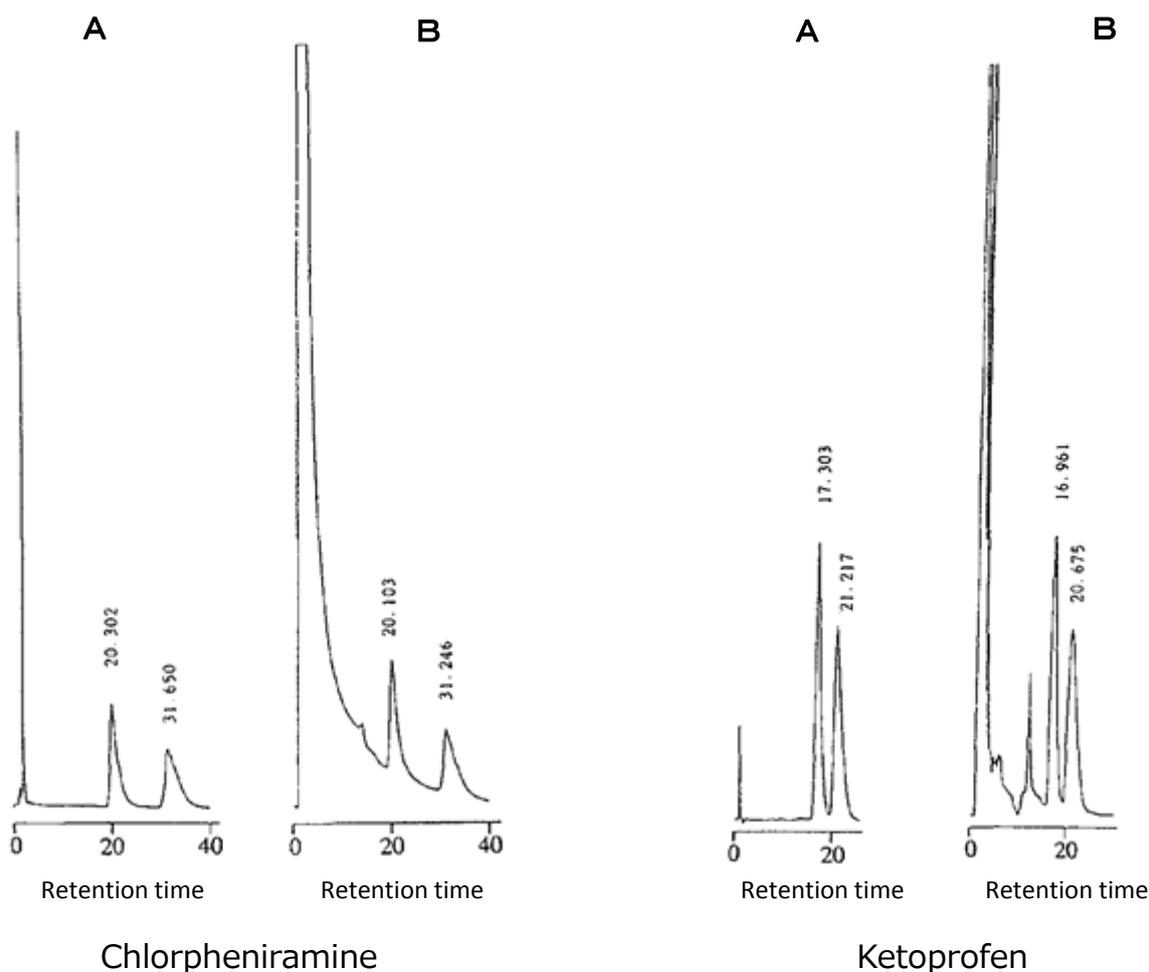
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## ULTRON ES-OVM

© The ULTRON ES-OVM can be used for analyses involving direct injections of serum-containing samples.

### Analyses of biological samples

\*A: Analyses of standard samples  
B: Analyses of samples containing HSA

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**◎ Changes in peak areas after 200 injections of HSA-containing samples and column washing**

Solute	Enantiomers	Peak area ( $\mu\text{Vs} \times 10^{-5}$ )		
		Before injection	After 200 injection	After washing with 75%CH <sub>3</sub> CN
Chlorpheniramine	First-eluted	1.76	1.72	1.73
	Second-eluted	1.74	1.70	1.72
Ketoprofen	First-eluted	1.04	1.00	1.08
	Second-eluted	1.03	0.97	1.06

**Result: Very little variation in peak areas was observed**

\*References

J. Chromatography, 620 (1993) 199-204

**◎ ES-OVM columns can be used without adverse effects due to the proteolytic enzyme trypsin.**

For additional HPLC chiral application data, please visit our website.