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#### ARTICLE INFO

ABSTRACT



14-16\_

## 1. Introduction



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## 2. Materials and methods

2.1. Animals



## 2.2. Antigen and adjuvant

## 2.3. Immunization

2.4. Measurement of specific IgG and the IgG isotypes

			!	HA-	fi I G
IG	1	1	1	- 1	-
A	L .	96-			
100	μ 1μ				



2.7. Measurement of IFN- $\gamma$  and IL-5 produced by splenocytes



## 2.8. Statistical analysis



## 3. Results

## 3.1. Serum specific IgG and IgG isotypes

fi I G IG ELI A R \_\_\_\_! 10 HA .F.1 fi\_\_\_\_\_HA-\_\_\_fi\_I\_G (1:160) \_\_\_\_ 100 HA (1:1659) (*P*<0.05). H , I G HA(10) R (50μ)\_\_\_\_19 (1:3044) HA (10 )\_\_\_\_ (P<0.01) IG 100 HA (*P*>0.05). ΙG 10 HA R\_\_\_\_ \_\_\_\_\_ 25 100

# μμ μμ





Fig. 3. (n=8/) (n=8/)(-10) (10)





Fig. 4. M (n = 8)\_\_\_\_\_( <u>0</u> 3 50 R,\_\_\_\_ H3N2 fl \_\_\_\_ 2 M C A, LP RPMI 1640. \_\_\_\_ . .D. fi \*\*P<0.01. 10 HA \*P<0.05



## Acknowledgements

		N	1	fi	F	1
С (30771592)	Μ					
C (2008BADB4B06-2).						

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