

Online Supplement

Tetrahydrocurcumin alleviates allergic airway inflammation in asthmatic mice by modulating the gut microbiota

Table E1 Flow cytometry antibodies

Target antigen	Clone	Conjugation
CD3	145-2C11	PE-eFluor® 610
CD4	GK1.5	APC-eFluor® 780
CD8a	53-6.7	FITC
IFN- γ	XMG1.2	APC
IL-17A	eBio17B7	PE
IL-4	11B11	PE-Cyanine7
CD25	PC61.5	PE-Cyanine7
IL-10	JES5-16E3	APC
Foxp3	FJK-16s	PE

Table E2 Primers for RT-PCR

Gene	Primer forward (5'→3')	Primer reverse (5'→3')
β -actin	TAGGCGGACTGTTACTGAGC	TGCTCCAACCAACTGCTGTC
IFN- γ	CTGCTGATGGGAGGAGATGT	TTTGTCAATTCGGGTGTAGTCA
IL-4	GGTCTCAACCCCCAGCTAGT	GCCGATGATCTCTCTCAAGTGAT
IL-5	TCAGGGGCTAGACATACTGAAG	CCAAGGAACTCTTGCAAGTAAT
IL-13	CAGCCTCCCCGATACCAAAA	CTCCTCATTAGAAGGGGCCG
IL-17A	GGCTGACCCCTAAGAAACCC	AAGCAGTTTGGGACCCCTTT
IL-10	5'-AGCCTTATCGGAAATGATCCAGT-3'	5'-GGCCTTGTAGACACCTTGGT-3'

Table E3 the composition of AIN 93G diet

Ingredients	Content (g/kg)
corn starch	465.7
casein	140
dextrinized corn starch	155
sucrose	100
soybean oil	40
fiber	50
AIN-93G-mixed miner	35
AIN-93G-mixed vitamin	10
L-cystine	1.8
choline chloride	2.5