

## Active Native Horse Serum Butyrylcholinesterase

Cat. No. BCHE-157H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified Native Horse Serum Butyrylcholinesterase. CAS Number: 9001-08-5; E.C. Number: 3.1.1.8
<b>Species</b>	Equine
<b>Source</b>	Horse Serum
<b>Form</b>	Lyophilized powder
<b>Bio-activity</b>	>300 U/mg protein
<b>Unit Definition</b>	That amount of enzyme causing the hydrolysis of one micromole of butyryl thiocholine iodid per minute at 37C and pH 7.7
<b>Storage</b>	Store at -20°C.
<b>Concentration</b>	>0.1 mg protein/mg (Lowry)

### GENE INFORMATION

<b>Gene Name</b>	BCHE butyrylcholinesterase [ <i>Equus caballus</i> ]
<b>Official Symbol</b>	BCHE
<b>Synonyms</b>	cholinesterase; EQ-BCHE; choline esterase II; pseudocholinesterase; butyrylcholine

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esterase; acylcholine acylhydrolase

**Gene ID**

100033901

**mRNA Refseq**


NM\_001081850

**Protein Refseq**

NP\_001075319

**Chromosome  
Location**

chromosome: 19

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