

## Carbonic anhydrase, Bovine erythrocytes

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Cat. No.: HY-P1775  
CAS No.: 9001-03-0  
Batch No.: 241703

### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)

**Activity (U/mg solid):** 4360 U/mg solid

**Unit Definition:** The Unit is determined by the electrometric method of Wilbur and Anderson in which the time required (in seconds) for a saturated CO<sub>2</sub> solution to lower the pH of 0.02 M Tris-HCl buffer from 8.3 to 6.3 at 0°C is determined. The time without enzyme is recorded as T<sub>0</sub>; with enzyme, T. A unit of activity = 2(T<sub>0</sub> - T) divided by T.

**Storage and Handling:** Store at -20°C

**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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