

# ***Dinophysis acuta***

<b>Kingdom</b>	Chromista
<b>Class</b>	Dinophyceae
<b>Genus</b>	Dinophysis
<b>Species</b>	acuta

## **Description**

Cells are laterally flattened and have distinct walls (theca) with lists delimiting a subapical cingulum and wings delimiting the sulcus. The wings and lists are narrow and the left sulcus list is markedly larger than the right and have three supporting lists. Many distinct areola are distributed over the theca which is composed of two large plates in the hypotheca and two smaller sized plates in the epitheca. Cells are flattened with a regular convex dorsal outline. The cells are widest below the middle and slightly concave just posterior to the sulcal wing. Cells contain reddish-brown chloroplasts/symbionts.

## **Morphometrics**

Cell length 60-100 µm. Length/width ratio ca 1.5

## **References**

Throndsen, J., Hasle, G.R. and Tangen, K., 2007. *Phytoplankton of Norwegian coastal waters*. Almater Forlag AS. 341 pp.