

**Alice**

**Eve**

**Bob**

*Alice choses a plaintext  $X$*

Enc( $X$ )

The diagram illustrates a secure communication channel. A horizontal line at the top represents the channel, divided into three sections by vertical dashed lines. The sections are labeled 'Alice', 'Eve', and 'Bob' from left to right. In the 'Alice' section, a box labeled 'Enc(X)' is shown. An arrow points from this box, passing through the 'Eve' section, to the 'Bob' section. The text 'Alice choses a plaintext X' is written above the box.