

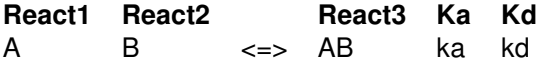
**Model Name:**

0 1:1 binding with mass transfer, kt (RU/ms)

**Model Type:**

Kinetics Simultaneous ka/kd

**Formula:**



**Bulk and drift:**

Refractive index (1): Response: RI; From: tOn to: tOff

**Description:**

Analyte (A) binds to ligand (B). Includes terms for mass transfer of analyte to the surface.

**Reactants:**

Analyte A

Concentration: Conc; Injection (s): tOn - tOff

Masstransport: kt

Ligand B

Binding capacity: Rmax

Complex AB

Generates response

**Parameters:**

Name	Fit	Allow Neg.	Keyword
tOn	No	No	Yes
tOff	No	No	Yes
Conc	No	No	Yes

Rmax	Global	No	No
ka	Global	No	No
kd	Global	No	No
RI	No	Yes	No
kt	Global	No	No