



### **Ractopamine Rapid test strip Brief**

Ractopamine (Rac) is one kind of beta-agonist, normally, dissolves in hydrochloride as Ractopamine hydrochloride called Paylean. Rac is used as feed additives for transferring adipose tissue to muscle tissues in pig. Because lots of countries (ex. EU) regard it as growth hormone, import of Ractopamine remaining meat is banned. Consequently, a convenient rapid Ractopamine diagnostic kit is developed and fit in need.

#### **Principle**

The Ractopamine chromatographic diagnostic kit is based on the specific immuno-chemical reactions between antigen and antibody. It relies on the competition between Ractopamine residues in the sample and Ractopamine immobilized on T line on the membrane for the Ractopamine antibody-dye conjugate.

#### **Specifications**

The specificity of Ractopamine one step was determined by analyzing the cross-reactivity of the Following chemicals.

<b>Compound</b>	<b>Positive result concentration (ppb)</b>
<b>Ractopamine</b>	<b>1</b>
Clenbuterol	100000
Salbutamol	100000
Terbutaline	100000
Tulobuterol	100000
Isoprotenerol	100000
Sulfamerazine	100000