




## Angiotensin Converting Enzyme

<b>Synonyms</b>	ACE, SACE
<b>Clinical Indication</b>	Monitoring therapy on patients with known sarcoidosis. Serum ACE activity is raised in over half of patients with sarcoidosis, reflecting the granulomatous load. Serum ACE has limited utility as a diagnostic test, due to poor sensitivity (false negative results) and insufficient specificity (almost a 10 percent rate of false positive results). It may also be raised in other diseases with articular manifestations. <b>For these reasons it is NOT suitable as a screening test for sarcoidosis.</b>
<b>Part of Profile / See Also</b>	
<b>Request Form</b>	Combined Pathology manual Blood form or ICE request
<b>Availability / Frequency of Analysis</b>	Referred Test: Analysed by Biochemistry, King's College Hospital ( <a href="#">Synnovia - 9067</a> ), if clinically indicated.
<b>Turnaround Time</b>	1 to 2 weeks
<b>Patient Preparation</b>	ACE inhibitors should be stopped for 12 hours prior to collection.
<b>Sample Requirements</b>	
<b>Specimen Type</b>	Serum
<b>Volume</b>	1 ml
<b>Container</b>	 Yellow top (SST) tube Or  Paediatric lithium heparin (Orange top – Sarstedt tube) Or  Paediatric lithium heparin (pale green top – BD Microtainer tube)
<b>Reference Range &amp; Units</b>	8 – 52 U/L (Please note children have higher ACE activities ~ 1.4 x higher than adults)
<b>Interferences</b>	Treatment with ACE Inhibitors
<b>Interpretation &amp; Clinical Decision Value (if applicable)</b>	
<b>References</b>	Beneteau-Burnat et al (1990) Clinical Chem 36: 344 – 346

PF-PTD-1

King TE. Clinical manifestations and diagnosis of pulmonary sarcoidosis In:  
UpToDate, Post TW (Ed), UpToDate, Waltham, MA. (Accessed on February  
8th, 2018.)

**Test code**

ACE

**Lab Handling**

Aliquot 500ul and store in referrals rack at 4C. Sent daily by courier to King's  
College, London.



9067

Accredited to  
ISO 15189:2012