



## Captopril [HRP] (DAG445S)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	Captopril, covalently linked to horseradish peroxidase
<b>Species</b>	N/A
<b>Purity</b>	chromatography, dialysis
<b>Conjugate</b>	HRP
<b>Applications</b>	e.g. allergy test, immunoassays etc.
<b>Molecular Weight</b>	app. 44 kDa
<b>Reconstitution</b>	Reconstitute with 1 ml PBS without azide.
<b>Format</b>	Lyophilized
<b>Concentration</b>	1 mg/mL working concentration
<b>Size</b>	1 mg
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C.

### BACKGROUND

<b>Introduction</b>	Captopril is a sulfhydryl-containing analog of proline with antihypertensive activity and potential antineoplastic activity. Captopril competitively inhibits angiotensin converting enzyme (ACE), thereby decreasing levels of angiotensin II, increasing plasma renin activity, and decreasing aldosterone secretion. This agent may also inhibit tumor angiogenesis by inhibiting endothelial cell matrix metalloproteinases (MMPs) and endothelial cell migration. Captopril may also exhibit antineoplastic activity independent of effects on tumor angiogenesis. (NCI04)
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**Keywords**

drug-HRP conjugate, drug-conjugate, Captopril HRP conjugate

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