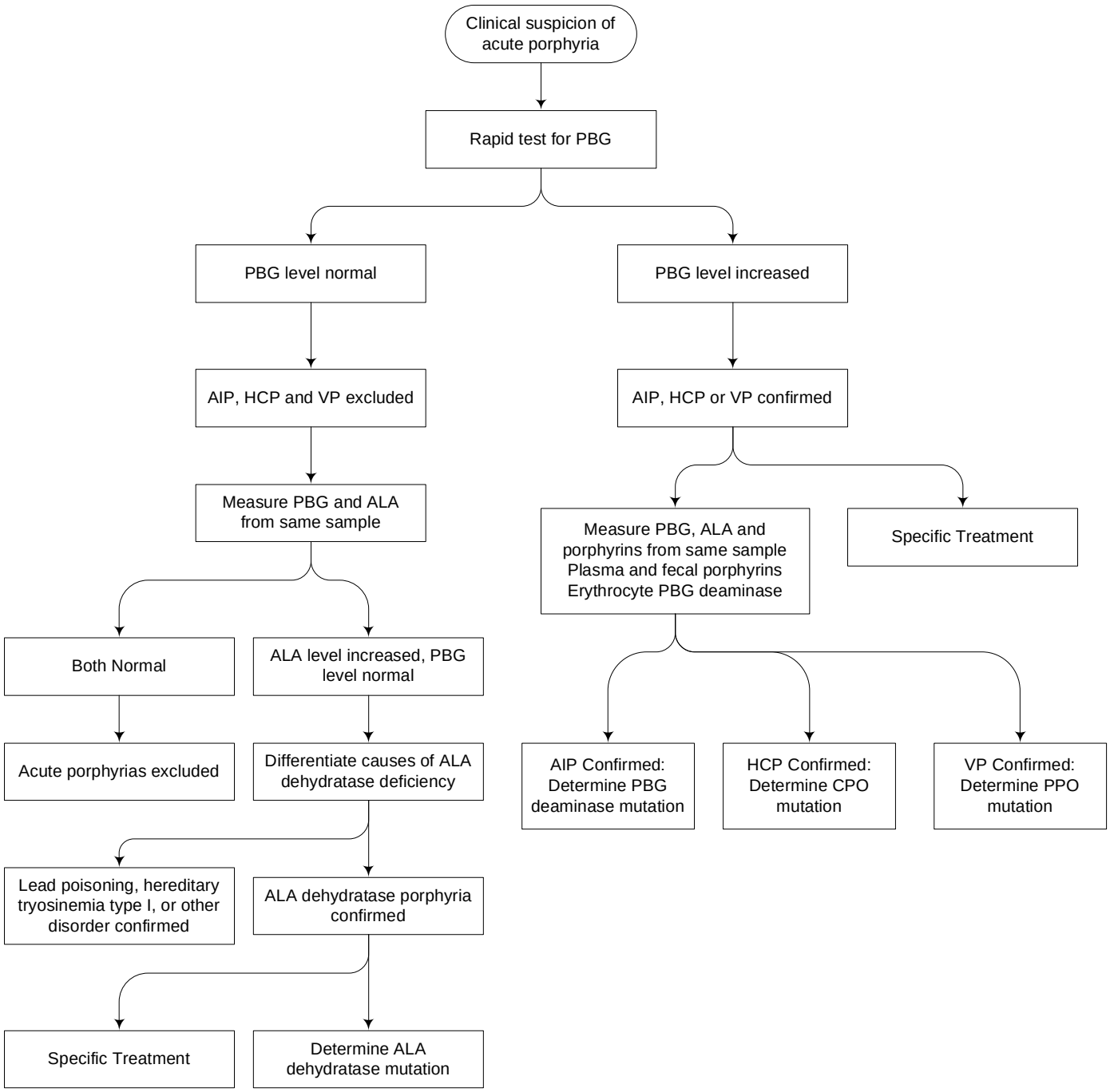
Clinical suspicion of acute porphyria
Rapid test for PBG
PBG level normal
PBG level increased
AIP, HCP and VP excluded
AIP, HCP or VP confirmed
Measure PBG and ALA from same sample
Measure PBG, ALA and porphyrins from same sample
Plasma and fecal porphyrins
Erythrocyte PBG deaminase
Specific Treatment
Both Normal
ALA level increased, PBG level normal
Acute porphyrias excluded
Differentiate causes of ALA dehydratase deficiency
AIP Confirmed: Determine PBG deaminase mutation
HCP Confirmed: Determine CPO mutation
VP Confirmed: Determine PPO mutation
Lead poisoning, hereditary tryosinemia type I, or other disorder confirmed
ALA dehydratase porphyria confirmed
Specific Treatment
Determine ALA dehydratase mutation