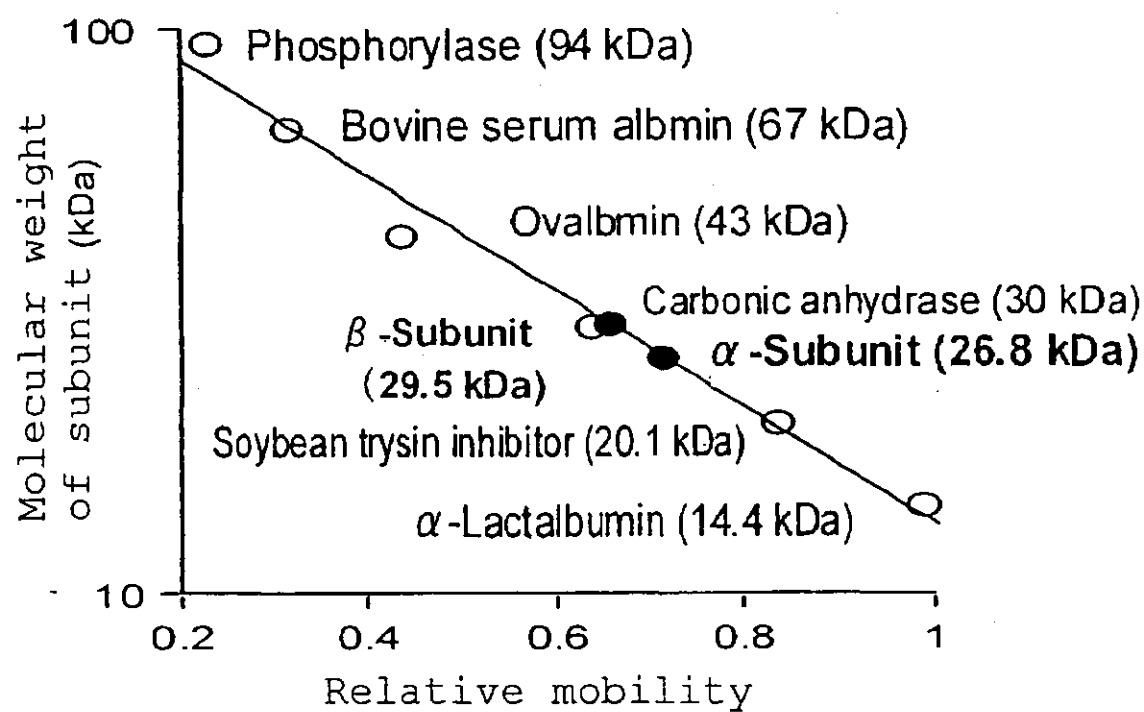


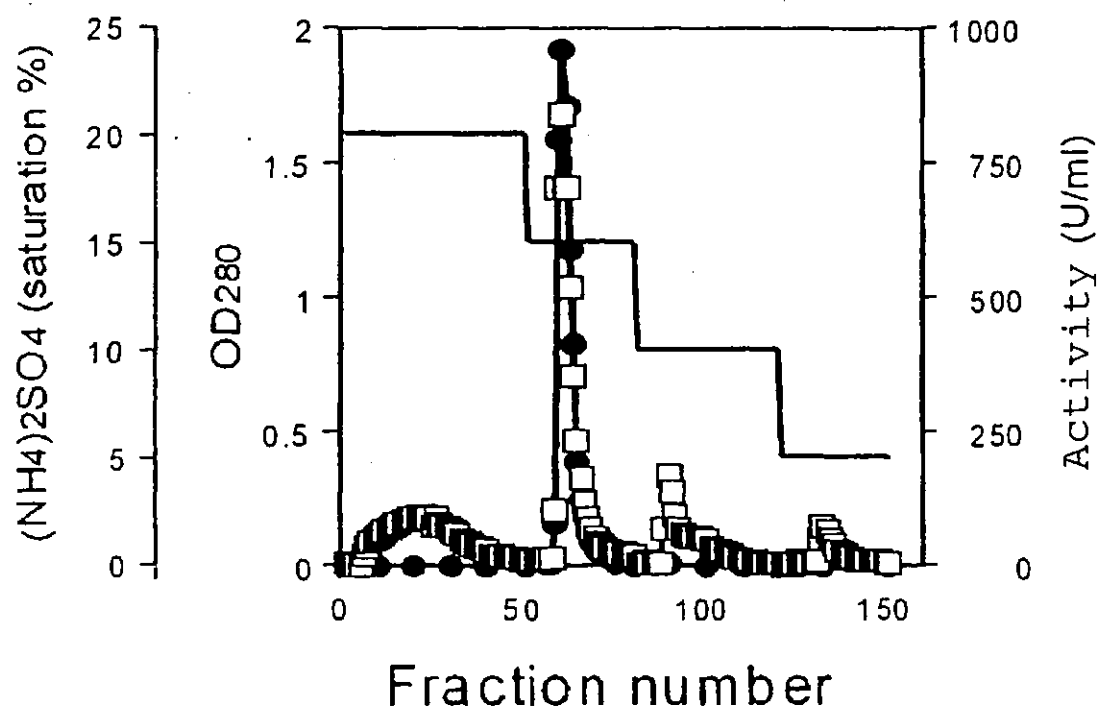
1/14

Figure 1



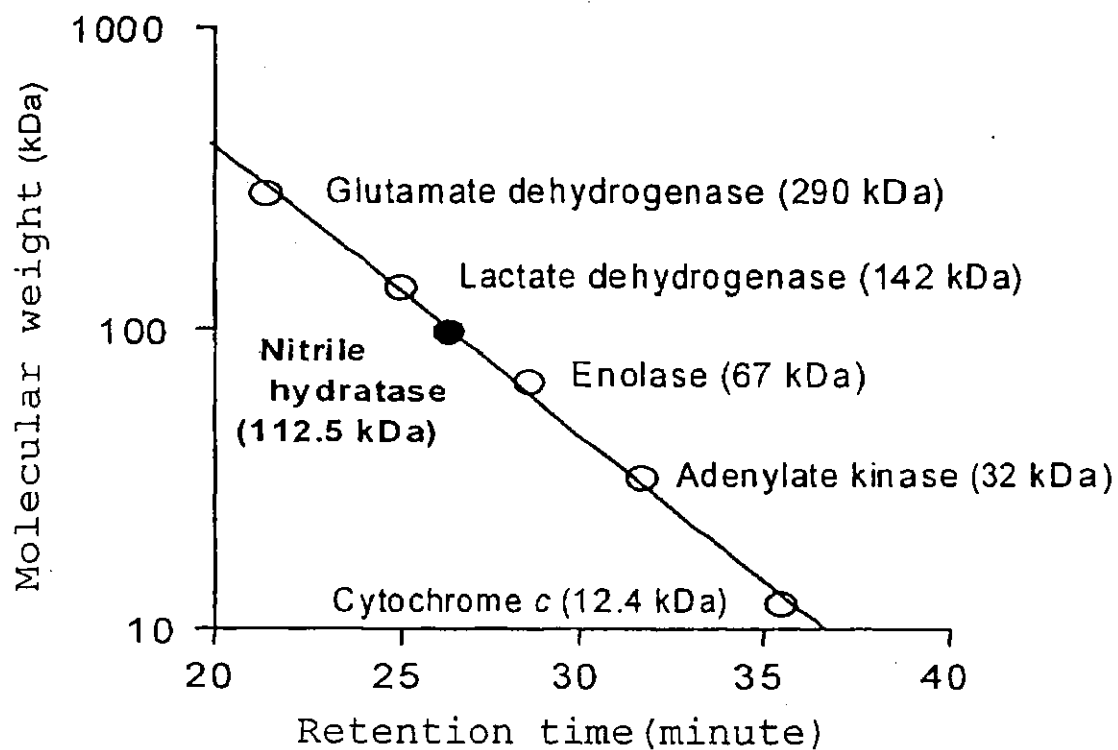
2/14

Figure 2



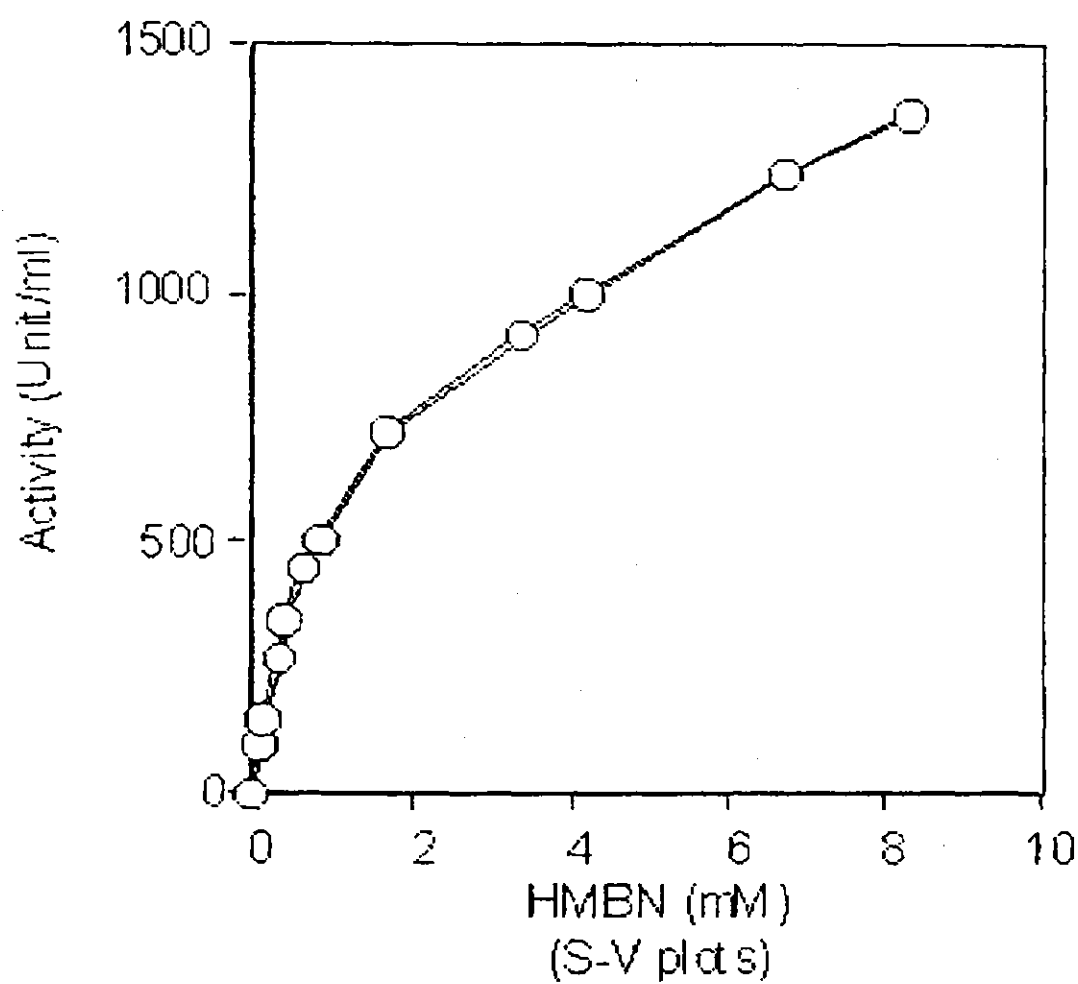
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Figure 3



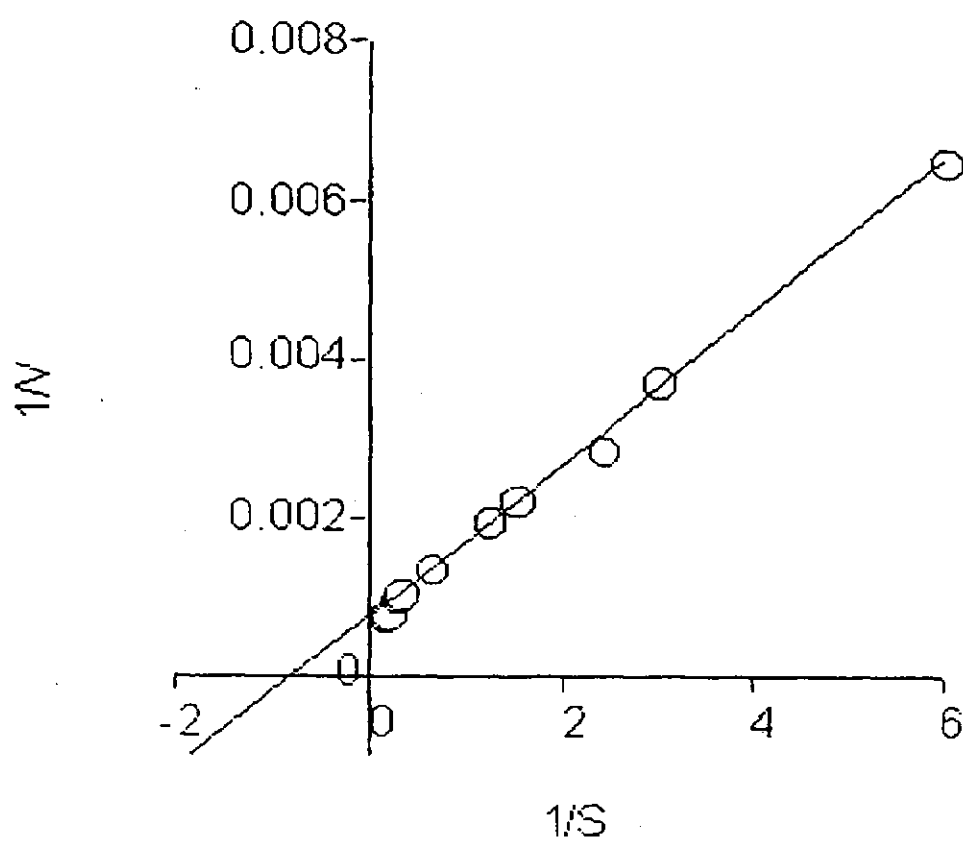
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Figure 4



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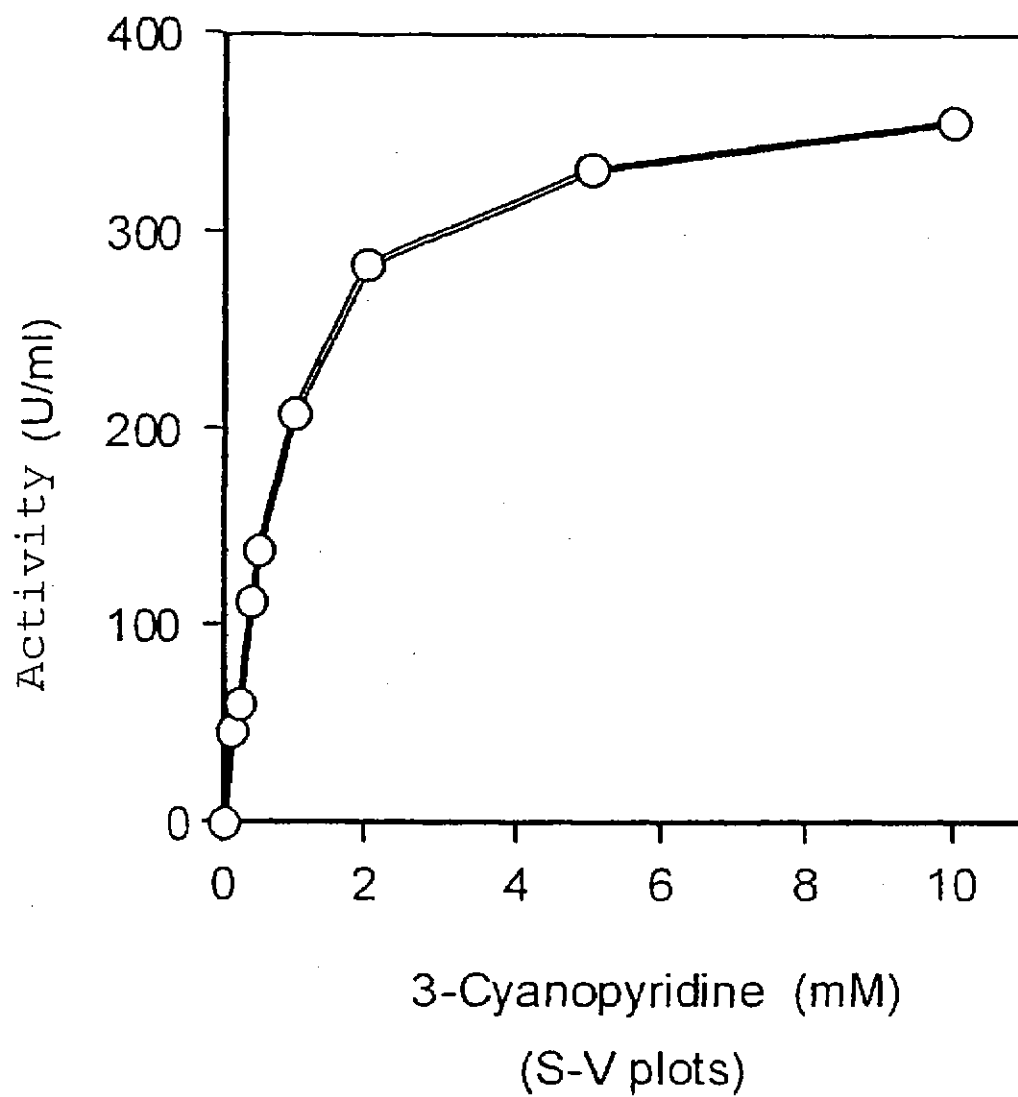
Figure 5



(Lineweaver-Burk plots)

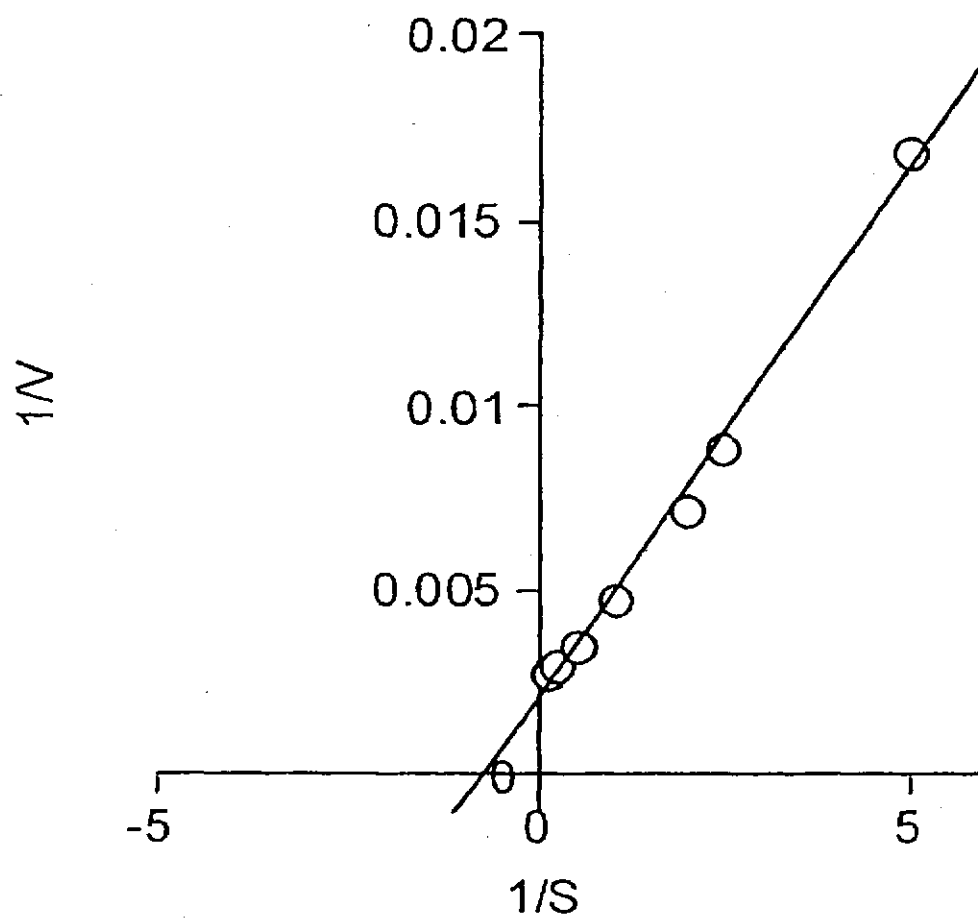
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Figure 6



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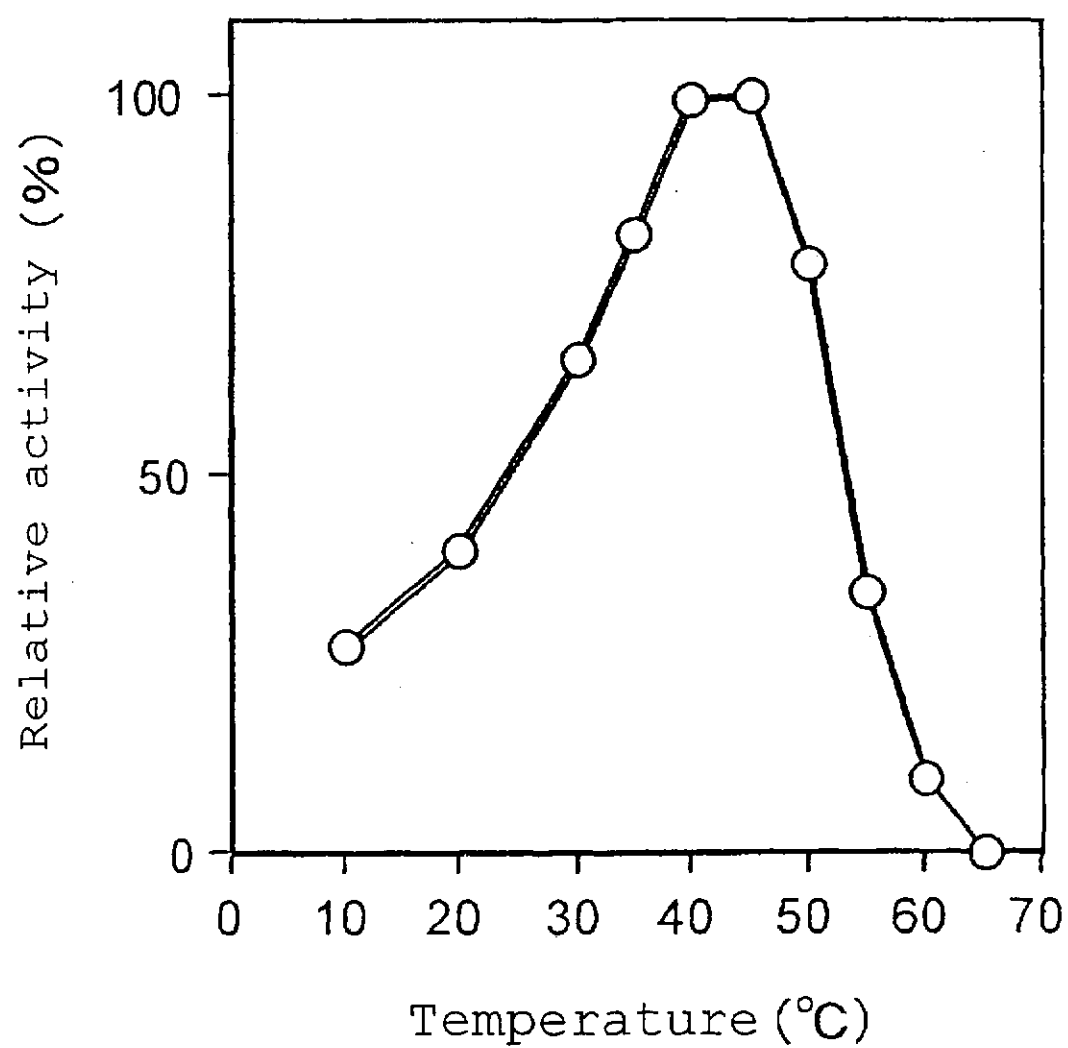
Figure 7



(Lineweaver-Burk plots)

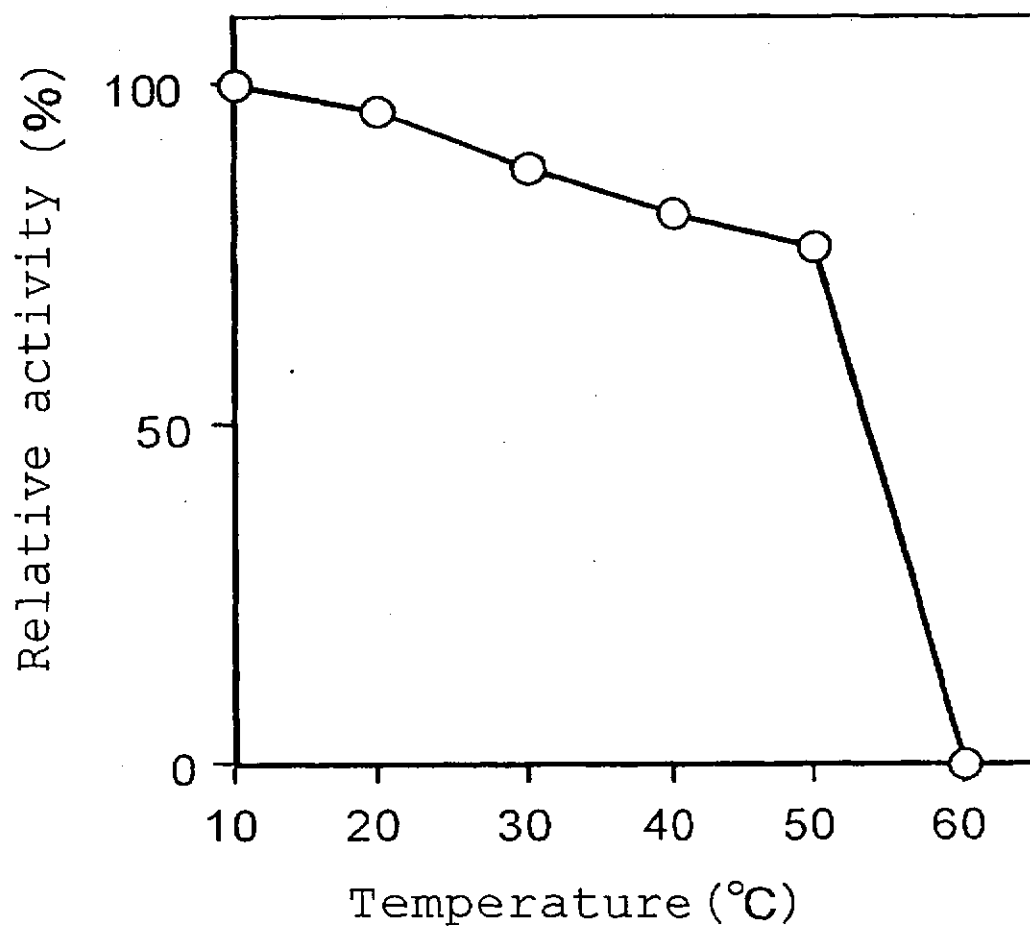
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Figure 8



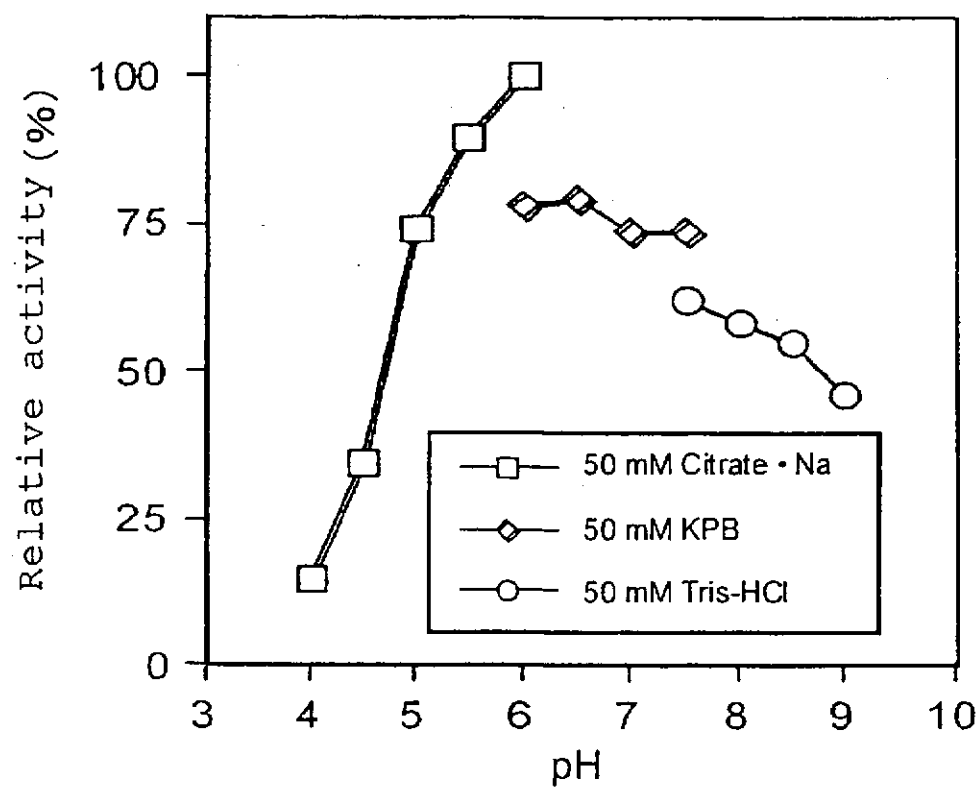
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Figure 9



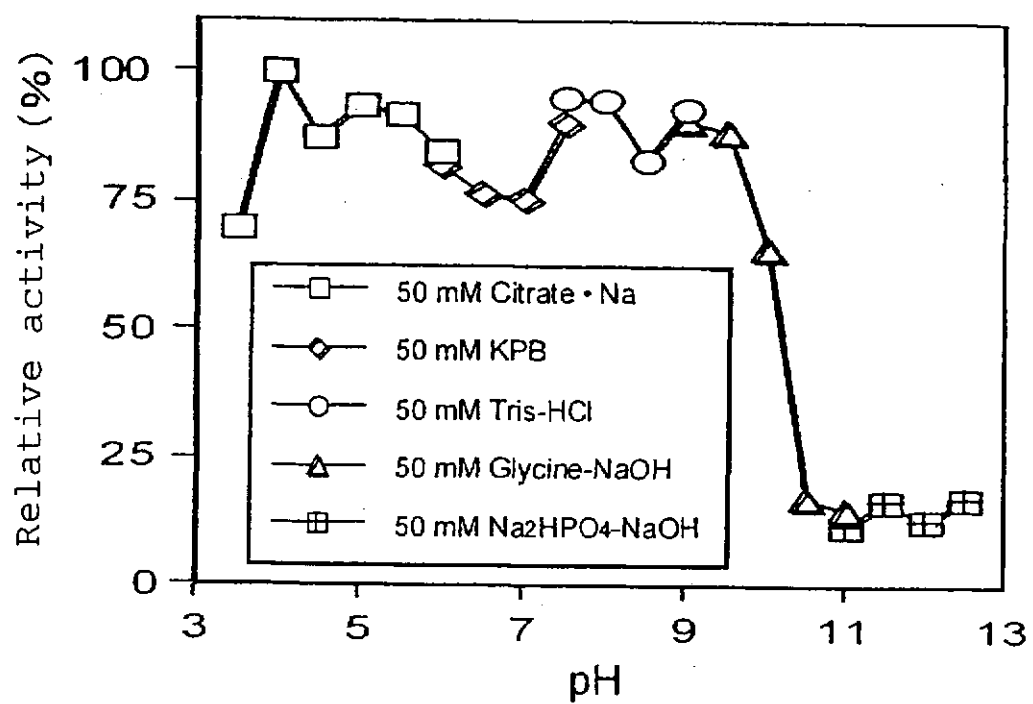
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Figure 10



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Figure 11



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Figure 12

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Figure 13

CrNH- α	1:MTAHPVQGTFFRSNEEIAARVKAMEAILVDKGLISTDAIDYMSSVYENEVGPQLGAKIA
J1 L- α	1:MTAHPVQGTLPFSNEEIAARVKAMEAILVDKGLISTDAIDHMSSVYENEVGPQLGAKIV

CrNH- α	61:AHAWVDPEFKQRLLADATGACKEMGVGGMQGEEMVLENTDTVNNMVVCTLCSCYPWPVL
J1 L- α	61:ARAWVDPEFKQRLLDATSACREMGVGGMQGEEMVLENTGTVHNMVVCTLCSCYPWPVL
	* ***** ** *
CrNH- α	121:GLPPNWKYPAYRARAARDPRGVMAEFGYTPASDVEIRVWDSSAELRYWVLPQRPAGTEN
J1 L- α	121:GLPPNWKYPAYRARAVRDPRGVLAIEFGYTPDPDVEIRIWDSSAELRYWVLPQRPAGTEN

CrNH- α	181:FTEEQLAALVTRDSLIGSVPTAPNKA
J1 L- α	181:FTEEQLADLVTRDSLIGSVPTTPSKA

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Figure 14

CrNH-β	1:MDGIHDLGGRAGLGPVNPEPGEPVFHSRWERSVLTMFAMALAGAFNLDQFRGAMEQIPP
J1 L-β	1:MDGIHDLGGRAGLGPIKPESDEPVFHSRWERSVLTMFAMALAGAFNLDQFRGAMEQIPP
	***** ** *****
CrNH-β	61:HDYLTQYYEHWMIHYGIEAGIFDPNELDRRTQYYLEHPDEDPLRQDPQLVETISQ
J1 L-β	61:HDYLTQYYEHWMIHHGIEAGIFDSDELDRRTQYYMDHPDDTTPTRQDPQLVETISQ
	***** ***** ***** ** *
CrNH-β	121:LIMHGADYRRPTDAEGVFAVGDKVVVRSDASPNTHTRRAGYIRGRTGEIVAAGAYVFPD
J1 L-β	121:LITHGADYRRPTDEAAFAVGDKVIVRSDASPNTHTRRAGYVRGRVGEVVATHGAYVFPD
	** ***** * ***** ***** ** ** *
CrNH-β	181:TNAV GAGEHPEHLYTVRFSATELWGETATSNVNHIDVFEPYLLPA
J1 L-β	181:TNALGAGESPEHLYTVRFSATELWGEPAAPNVNHIDVFEPYLLPA
	*** **** ***** * * *****