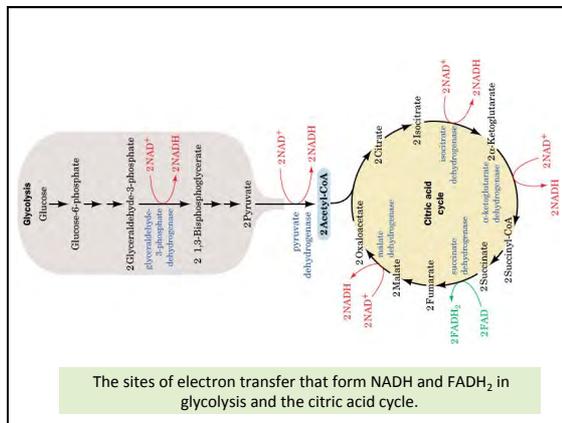


18. 電子伝達と酸化リン酸化



The sites of electron transfer that form NADH and FADH₂ in glycolysis and the citric acid cycle.

NAD⁺ as an electron shuttle

Dehydrogenase

Reduction: Oxidized form of Nicotinamide + 2H⁺ (from food) → Reduced form of Nicotinamide + H⁺

Oxidation: Reduced form of Nicotinamide + H⁺ → Oxidized form of Nicotinamide + 2H⁺ (from food)

$\Delta E_0 = -0.320 \text{ V}$

NAD⁺ (nicotinamide adenine dinucleotide) → coenzyme

$\Delta G^{0'} = -nFAE_0'$
 = (2 mol) (23.06 kcal/mol V) (-0.320 V)
 = 14.8 kcal/mol

F: Faraday constant
 n: number of electrons

The graph shows the absorbance spectra of oxidized NAD⁺ (red curve) and reduced NADH (blue curve). NAD⁺ has a peak absorbance at approximately 260 nm, while NADH has a peak at approximately 340 nm. The absorbance of NADH is significantly higher than that of NAD⁺ at 340 nm.

Source Naturals社

クチコミ(1件)

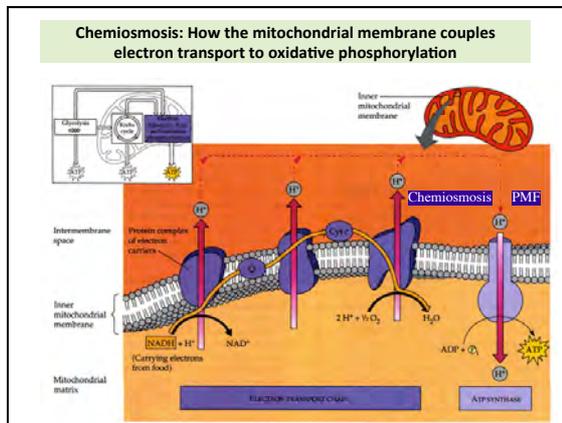
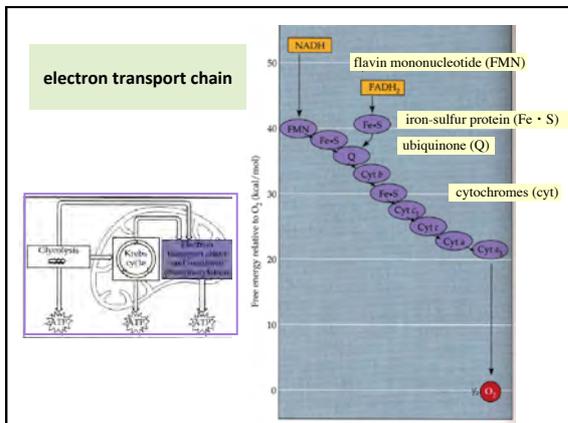
→ **NADH 5mg (エネルギーとメンタルサポートE)** 30粒 (タブレット)

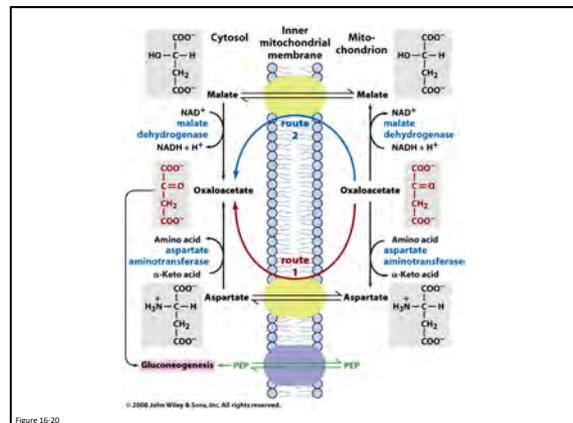
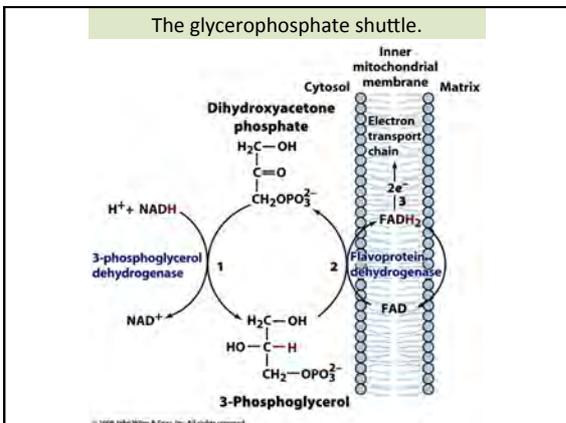
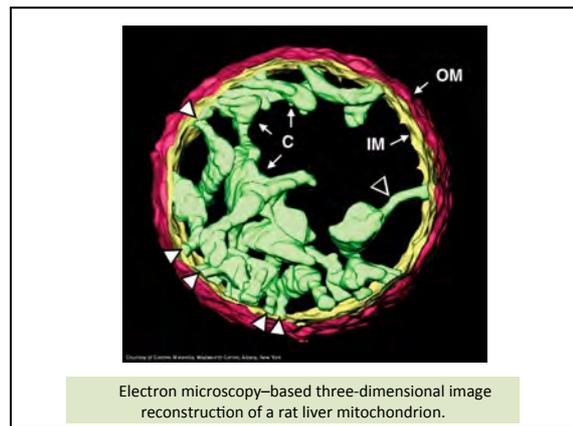
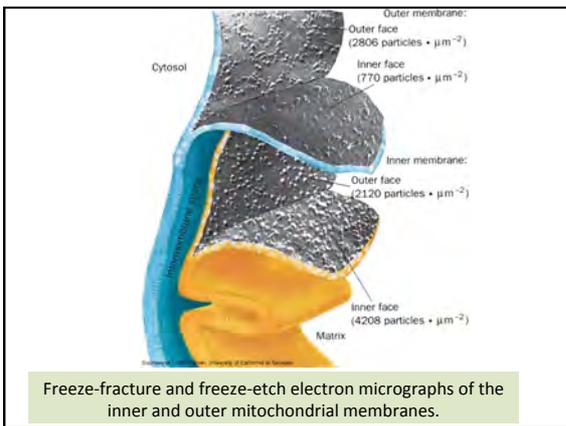
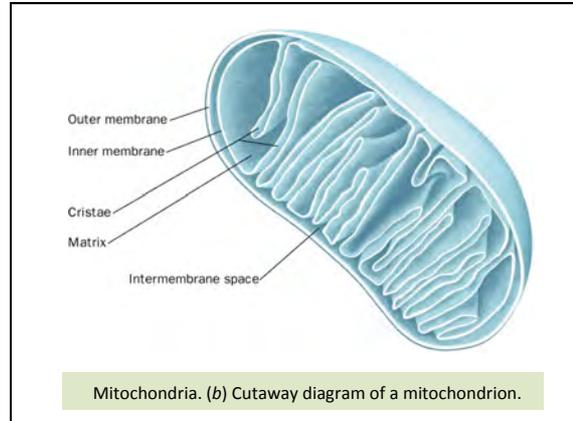
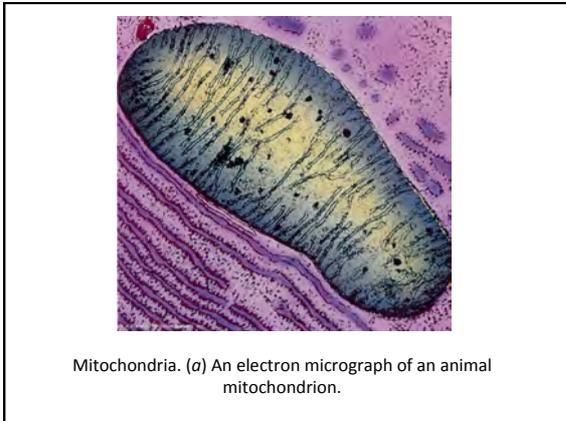
1粒で5mgのNADH。冴え渡る集中力と湧き出すエネルギーを!

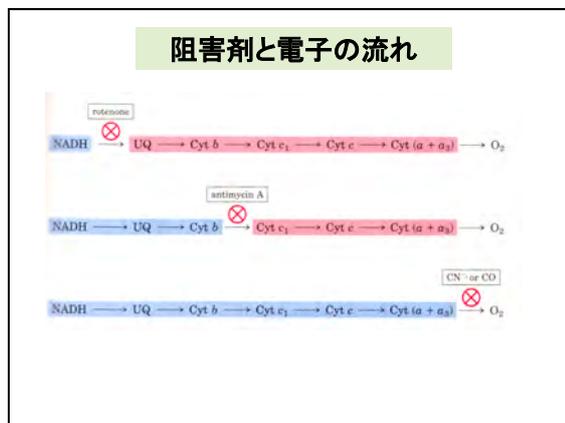
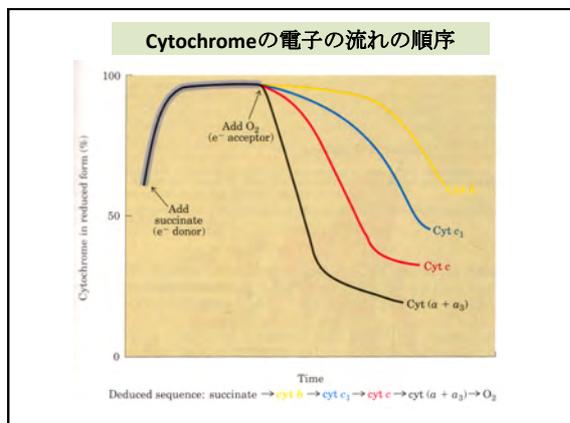
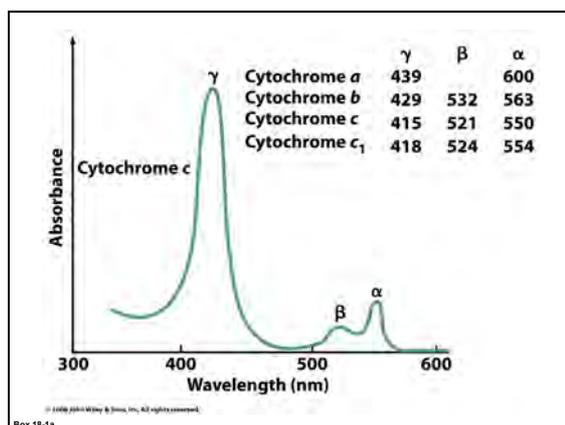
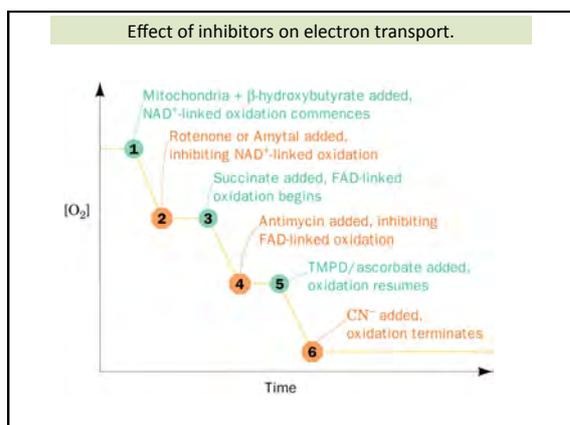
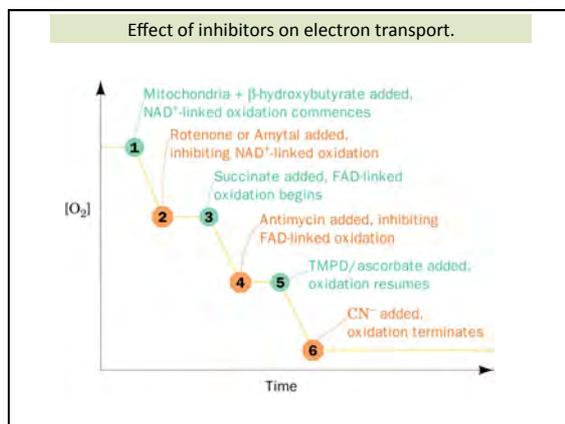
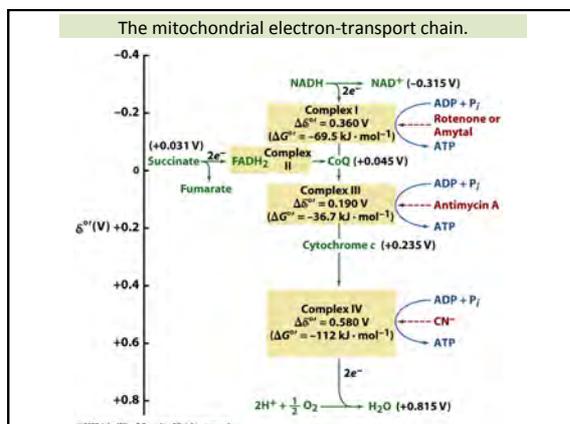
サブリンクス特価: ¥3,780

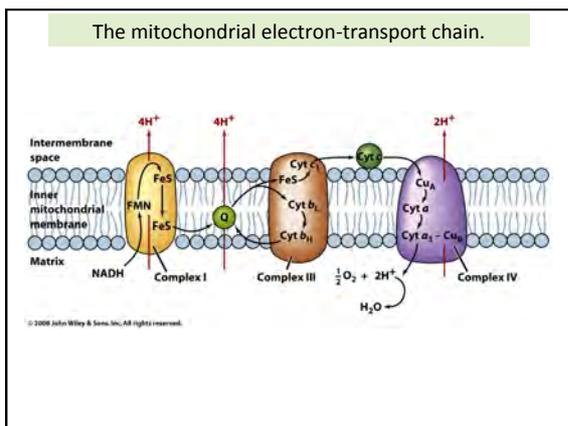
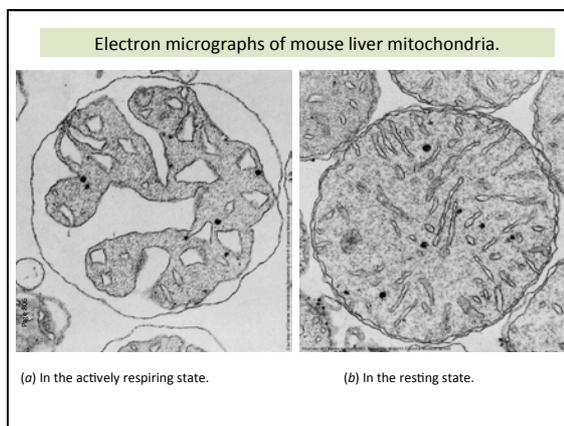
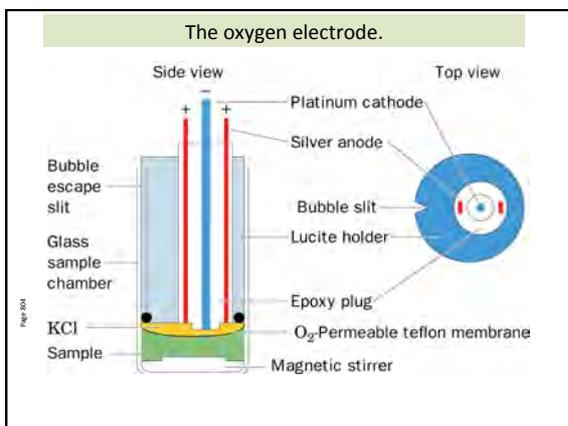
買い物がごに入る

NADHとは、還元型ニコチンアミドアデニンジヌクレオチドの事です。お昼後に、ウトウトしてしまう方や毎日帰ったらバタンキューという方など集中力やスタミナを常に高いレベルに保ちたい方におすすめです。









還元型 コエンザイムQ10

還元型コエンザイムQ10 (30粒・30日分)

1回 3,800円!

送料・手数料：無料

14日分お試しを申し込む

