

Membrane Magic

I made a wish in the lab
That Reaction could go fast
An idea came to my mind
"Anchor enzyme to membrane"

It's something we can obtain
Enzymes localize to membrane
They become closer to each
So now the speed is up

To speed the reaction, you should
assemble the enzymes
Dimer proteins were used
Enzymes were all bound together

Hey, membrane magic
And this is crazy
Enzymes together
To make it faster

It's hard to imagine
you've got to listen
Through dimer protein
It's membrane magic

Hey, membrane magic
And this is crazy
Enzymes together
To make it faster

And Remember two words
To assemble enzymes
It's membrane anchor
And protein dimer

Some reactions may diverge
But we cannot control it
Could we easily switch the
Direction of this

NO, It's not hard to operate
With the device we create
Enzymes only aggregate

When there is blue light

To switch the reaction, control
aggregation
Use VVD protein
With photo-dimerization

Hey, membrane magic
And this is crazy
Which way to choose
Is decided by you

It's hard to switch the
Direction baby
But now we've made it
Through blue light sensor

Hey, membrane magic
And this is crazy
Which way to choose
Is decided by you

when you turn the light on
it's like turn the rudder
left or right way
they were both okay

Before we made this new system
It is so hard
It is so hard
It is so so hard

After we made this cool system
It is so fast
speed the reaction up
It is so so fast

It's hard to imagine
you've got to listen
Through dimer protein
It's membrane magic

Hey, membrane magic
And this is crazy



Membrane Magic

Which way to choose
Is decided by you

It was hard to switch the
Direction baby
But now we've made it
Through blue light sensor

Before we made this new device
It is so hard
It is so hard
It is so so hard

after we made this cool device
It is so fast
And you should know that

It's membrane magic

