

# Membrane Magic

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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



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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

