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ellipsoid
NADPH/
precursor

retinol
RDH
retinal
NADPH
retinol
RDH
retinal
NADPH
retinol
RDH
retinal
NADPH
retinol
RDH
retinal
NADPH

<sphere>inner segment</phere>
<ellipsoid>outer segment</ellipsoid>

before bleach
> 99% bleach

$t = 3$ secs
$t = 5$ mins
$t = 10$ mins
$t = 15$ mins
$t = 25$ mins
$t = 30$ mins
$t = 35$ mins
$t = 60$ mins