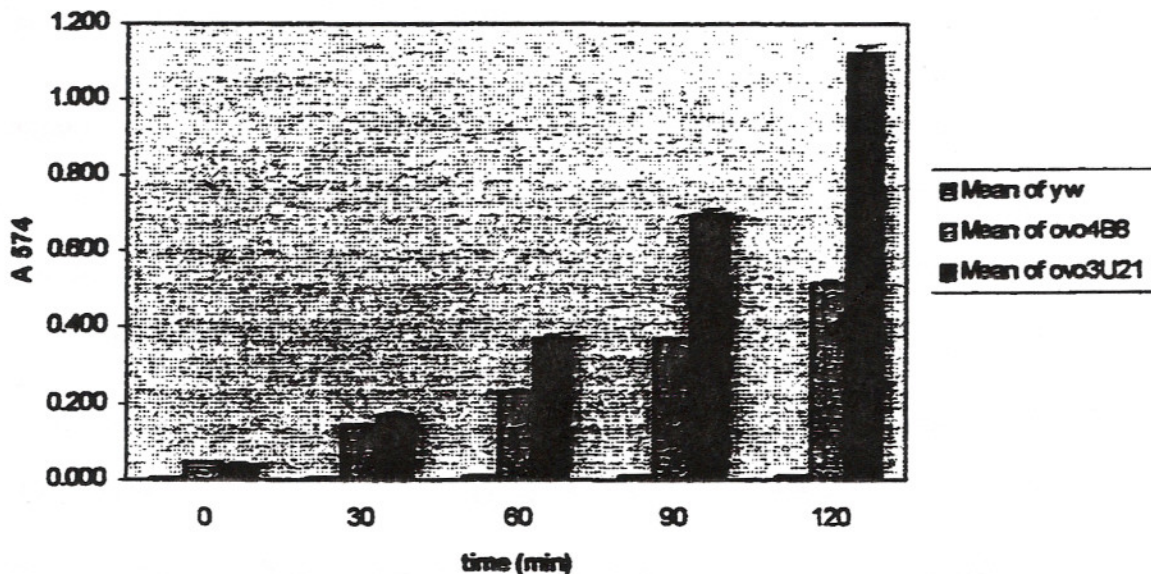


### The Control Graph of Histochemical Assay for *ovo:LacZ* Activity



**Figure 2.8 :** Control Assay for  $\beta$ -galactosidase Assay . Ovaries from a non-transformed strain ( $y w^{RD}$ ) were used as a negative control that showed a near zero-absorbance at 574 nm and there is no significant change over the time period. In contrast, ovarian extracts from the *ovo* promoter-*lacZ* transformant strain *ovo3U21* and *ovo4B8* (Oliver et al, 1994) which were used as a positive controls showed a linear increase in  $A_{574}$  during the same period. Even, *ovo3U21* showed about two fold faster than *ovo4B8*. it may be due to size of the construct or due to position effect of P [*ovo:LacZ*] construct. Moreover, the slopes were proportional to the amount of *ovo3U21* or *ovo4B8* extract added.