$$A, B, C ::= AB \mid A\backslash B \mid B/A$$
$$\Gamma ::= \emptyset \mid A \mid \Gamma_1, \Gamma_2$$

$$\frac{}{A \vdash A} \qquad \frac{\Gamma_1, A, B, \Gamma_2 \vdash C}{\Gamma_1, AB, \Gamma_2 \vdash C}$$

$$\frac{\Gamma_1 \vdash A \quad \Gamma_2 \vdash B}{\Gamma_1, \Gamma_2 \vdash AB} \qquad \frac{\Gamma_2 \vdash A \quad \Gamma_1, A, \Gamma_3 \vdash B}{\Gamma_1, \Gamma_2, \Gamma_3 \vdash B}$$

$$\frac{\Gamma, A \vdash B}{\Gamma \vdash B/A} \qquad \frac{\Gamma_2 \vdash A \quad \Gamma_1, B, \Gamma_3 \vdash C}{\Gamma_1, B/A, \Gamma_2, \Gamma_3 \vdash C}$$

$$\frac{A, \Gamma \vdash B}{\Gamma \vdash A\backslash B} \qquad \frac{\Gamma_2 \vdash A \quad \Gamma_1, B, \Gamma_3 \vdash C}{\Gamma_1, \Gamma_2, A\backslash B, \Gamma_3 \vdash C}$$